Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
Data File : VX043405.D
Acq On : 15 Oct 2024 15:05
Operator : JC/MD
Sample : VX1015WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 16 07:26:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS03

Manual Integrations APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	89373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77842	53.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.660%			
35) Dibromofluoromethane	5.385	113	56220	52.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	8.647	98	183445	49.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.400%			
62) 4-Bromofluorobenzene	11.079	95	68375	50.481	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	18119	17.429	ug/l	99
3) Chloromethane	1.300	50	20682	19.317	ug/l	100
4) Vinyl Chloride	1.374	62	20864	19.455	ug/l	99
5) Bromomethane	1.599	94	8649	19.740	ug/l	93
6) Chloroethane	1.666	64	7815	19.569	ug/l	94
7) Trichlorofluoromethane	1.867	101	27006	16.854	ug/l	99
8) Diethyl Ether	2.136	74	12784	20.502	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	17758	17.759	ug/l	99
10) Methyl Iodide	2.440	142	23992	19.103	ug/l	99
11) Tert butyl alcohol	3.001	59	25672m	92.427	ug/l	
12) 1,1-Dichloroethene	2.306	96	18127	18.255	ug/l	91
13) Acrolein	2.239	56	23612	90.006	ug/l	99
14) Allyl chloride	2.660	41	31482	19.298	ug/l	97
15) Acrylonitrile	3.074	53	58835	103.737	ug/l	99
16) Acetone	2.392	43	59530	97.664	ug/l	96
17) Carbon Disulfide	2.501	76	36154	14.969	ug/l	97
18) Methyl Acetate	2.709	43	31682	20.719	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	76207	21.451	ug/l	98
20) Methylene Chloride	2.782	84	21784	19.383	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	19603	19.836	ug/l	98
22) Diisopropyl ether	3.769	45	69579	21.205	ug/l	92
23) Vinyl Acetate	3.721	43	311165	89.537	ug/l	99
24) 1,1-Dichloroethane	3.605	63	39617	20.725	ug/l	98
25) 2-Butanone	4.568	43	90028	107.720	ug/l	99
26) 2,2-Dichloropropane	4.471	77	34903	19.191	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25418	20.623	ug/l	99
28) Bromochloromethane	4.897	49	13730	18.206	ug/l	99
29) Tetrahydrofuran	5.013	42	57089	107.226	ug/l	98
30) Chloroform	5.086	83	43414	20.681	ug/l	95
31) Cyclohexane	5.464	56	29869	18.965	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	37909	19.661	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26286	19.340	ug/l	100
37) Ethyl Acetate	4.721	43	36154	22.151	ug/l	97
38) Carbon Tetrachloride	5.672	117	30239	18.794	ug/l	95
39) Methylcyclohexane	7.372	83	30898	18.076	ug/l	98
40) Benzene	6.037	78	84379	20.477	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	18404	21.662	ug/l		96
42) 1,2-Dichloroethane	6.086	62	36003	21.441	ug/l		99
43) Isopropyl Acetate	6.348	43	56939	21.121	ug/l		99
44) Trichloroethene	7.123	130	20884	19.108	ug/l		98
45) 1,2-Dichloropropane	7.427	63	21070	20.836	ug/l		93
46) Dibromomethane	7.580	93	16819	20.756	ug/l		98
47) Bromodichloromethane	7.824	83	31698	19.897	ug/l		95
48) Methyl methacrylate	7.696	41	27280	20.624	ug/l		99
49) 1,4-Dioxane	7.671	88	8326	323.810	ug/l		94
51) 4-Methyl-2-Pentanone	8.573	43	178661	109.118	ug/l		99
52) Toluene	8.720	92	51506	19.943	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	32611	20.599	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	33747	19.875	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	22183	21.613	ug/l		99
56) Ethyl methacrylate	9.116	69	35533	21.175	ug/l		98
57) 1,3-Dichloropropane	9.311	76	36892	21.104	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	83339	110.182	ug/l		98
59) 2-Hexanone	9.433	43	136405	110.167	ug/l		100
60) Dibromochloromethane	9.518	129	22084	18.547	ug/l		99
61) 1,2-Dibromoethane	9.610	107	22514	20.416	ug/l		99
64) Tetrachloroethene	9.275	164	17731	19.153	ug/l		94
65) Chlorobenzene	10.079	112	55725	19.428	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20100	19.818	ug/l		99
67) Ethyl Benzene	10.195	91	98264	19.820	ug/l		97
68) m/p-Xylenes	10.299	106	72693	38.798	ug/l		99
69) o-Xylene	10.640	106	36767	19.748	ug/l		98
70) Styrene	10.659	104	60730	20.127	ug/l		100
71) Bromoform	10.799	173	13810	17.774	ug/l	#	99
73) Isopropylbenzene	10.963	105	93400	19.876	ug/l		100
74) N-amyl acetate	10.841	43	47657	21.364	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	32992	21.552	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	27618m	20.601	ug/l		
77) Bromobenzene	11.195	156	22830	19.964	ug/l		98
78) n-propylbenzene	11.305	91	100696	19.520	ug/l		100
79) 2-Chlorotoluene	11.366	91	66105	19.933	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	77529	20.001	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	9600	18.558	ug/l		89
82) 4-Chlorotoluene	11.457	91	73592	19.479	ug/l		100
83) tert-Butylbenzene	11.713	119	77429	19.389	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	77723	19.928	ug/l		98
85) sec-Butylbenzene	11.890	105	92002	19.434	ug/l		98
86) p-Isopropyltoluene	12.006	119	76301	19.318	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	39432	19.575	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	40084	19.301	ug/l		98
89) n-Butylbenzene	12.335	91	61883	18.715	ug/l		98
90) Hexachloroethane	12.536	117	13002	17.553	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	40876	19.842	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7222	19.323	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	22422	18.879	ug/l		97
94) Hexachlorobutadiene	13.725	225	8969	19.050	ug/l		99
95) Naphthalene	13.774	128	87808	20.112	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	24254	19.793	ug/l		99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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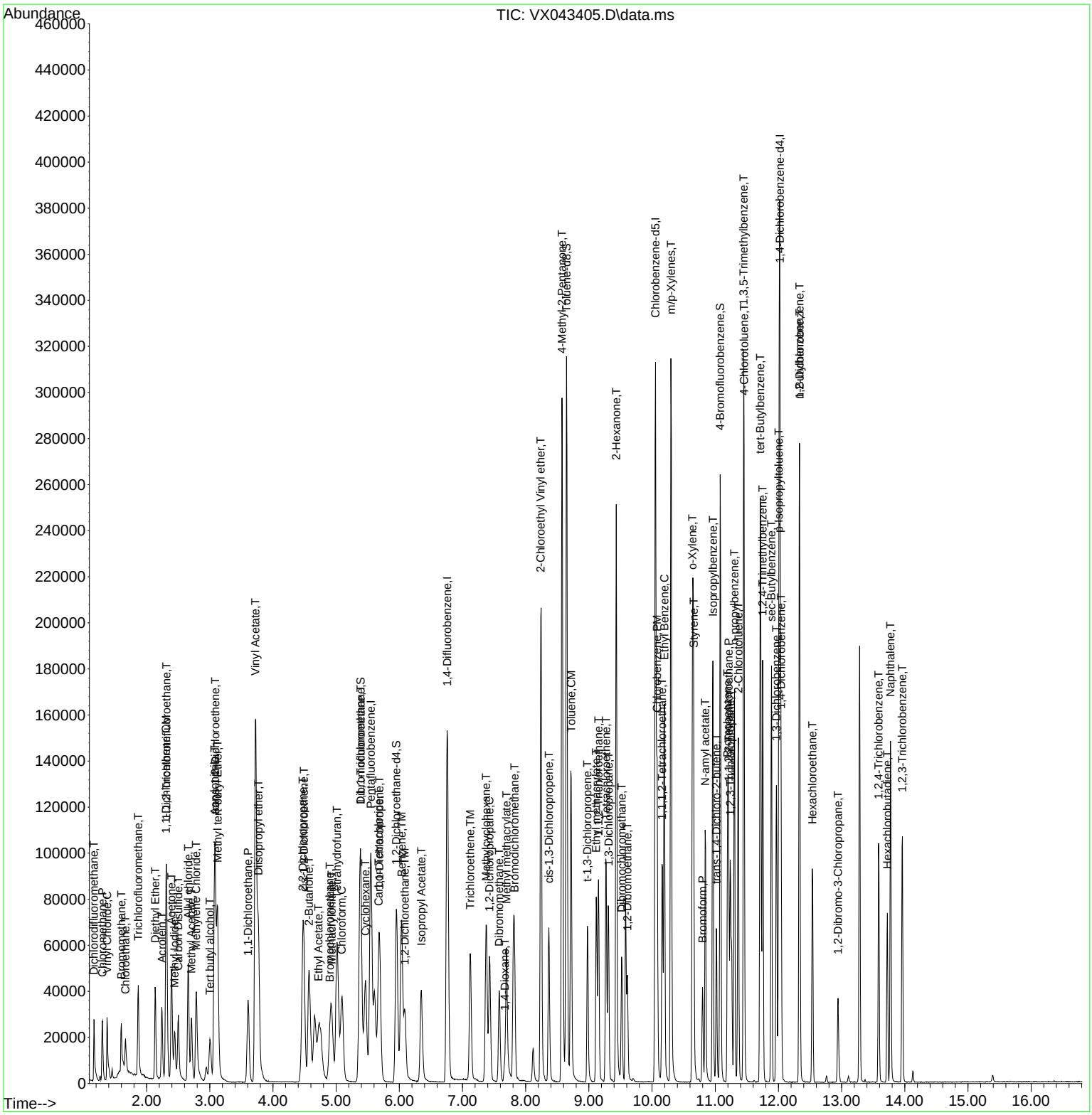
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