

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043406.D
 Acq On : 15 Oct 2024 15:28
 Operator : JC/MD
 Sample : VX1015WBS04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS04

Quant Time: Oct 16 07:27:33 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

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	5.544	168	95918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82449	52.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.260%			
35) Dibromofluoromethane	5.385	113	59057	50.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.620%			
50) Toluene-d8	8.647	98	198186	49.205	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.400%			
62) 4-Bromofluorobenzene	11.079	95	74270	50.756	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20289	18.185	ug/l	96
3) Chloromethane	1.294	50	20767	18.073	ug/l	98
4) Vinyl Chloride	1.374	62	21178	18.400	ug/l	96
5) Bromomethane	1.599	94	8774	18.659	ug/l	90
6) Chloroethane	1.666	64	7659	17.869	ug/l	99
7) Trichlorofluoromethane	1.868	101	28868	16.787	ug/l	98
8) Diethyl Ether	2.136	74	12509	18.692	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	19613	18.276	ug/l	100
10) Methyl Iodide	2.441	142	24129	17.901	ug/l	99
11) Tert butyl alcohol	3.008	59	25522m	85.617	ug/l	
12) 1,1-Dichloroethene	2.307	96	18681	17.529	ug/l	94
13) Acrolein	2.239	56	24140	85.740	ug/l	98
14) Allyl chloride	2.660	41	31578	18.036	ug/l	99
15) Acrylonitrile	3.075	53	57888	95.102	ug/l	99
16) Acetone	2.392	43	58928	90.079	ug/l	98
17) Carbon Disulfide	2.502	76	36947	14.254	ug/l	99
18) Methyl Acetate	2.709	43	31477	19.181	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	74508	19.542	ug/l	98
20) Methylene Chloride	2.782	84	22310	18.497	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	20199	19.045	ug/l	99
22) Diisopropyl ether	3.770	45	69598	19.763	ug/l	87
23) Vinyl Acetate	3.721	43	303749	82.156	ug/l	98
24) 1,1-Dichloroethane	3.605	63	40038	19.516	ug/l	98
25) 2-Butanone	4.574	43	88125	98.248	ug/l	99
26) 2,2-Dichloropropane	4.471	77	35113	17.989	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25202	19.053	ug/l	99
28) Bromochloromethane	4.898	49	14362	17.745	ug/l	97
29) Tetrahydrofuran	5.013	42	55677	97.438	ug/l	98
30) Chloroform	5.099	83	42529	18.877	ug/l	98
31) Cyclohexane	5.464	56	31779	18.801	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	39266	18.975	ug/l	100
36) 1,1-Dichloropropene	5.690	75	26756	18.222	ug/l	97
37) Ethyl Acetate	4.721	43	33924	19.239	ug/l	99
38) Carbon Tetrachloride	5.672	117	31839	18.317	ug/l	97
39) Methylcyclohexane	7.379	83	34219	18.530	ug/l	99
40) Benzene	6.038	78	84054	18.881	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	18037	19.651	ug/l	98
42) 1,2-Dichloroethane	6.086	62	35645	19.649	ug/l	100
43) Isopropyl Acetate	6.342	43	54539	18.726	ug/l	99
44) Trichloroethene	7.123	130	21215	17.967	ug/l	93
45) 1,2-Dichloropropane	7.428	63	20756	18.999	ug/l	95
46) Dibromomethane	7.580	93	16570	18.928	ug/l	100
47) Bromodichloromethane	7.824	83	30561	17.756	ug/l	97
48) Methyl methacrylate	7.696	41	27389	19.166	ug/l	98
49) 1,4-Dioxane	7.665	88	8416	302.970	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	175567	99.254	ug/l	100
52) Toluene	8.714	92	52216	18.715	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	31915	18.661	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	33746	18.397	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	21624	19.502	ug/l	93
56) Ethyl methacrylate	9.116	69	35455	19.558	ug/l	98
57) 1,3-Dichloropropane	9.311	76	36665	19.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	89253	109.226	ug/l	100
59) 2-Hexanone	9.433	43	133122	99.520	ug/l	99
60) Dibromochloromethane	9.519	129	22173	17.237	ug/l	100
61) 1,2-Dibromoethane	9.610	107	22385	18.790	ug/l	99
64) Tetrachloroethene	9.269	164	18544	18.335	ug/l	93
65) Chlorobenzene	10.079	112	57046	18.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20296	18.317	ug/l	99
67) Ethyl Benzene	10.195	91	100413	18.539	ug/l	98
68) m/p-Xylenes	10.299	106	74839	36.563	ug/l	99
69) o-Xylene	10.640	106	37963	18.664	ug/l	98
70) Styrene	10.653	104	62002	18.810	ug/l	100
71) Bromoform	10.799	173	13702	16.143	ug/l #	98
73) Isopropylbenzene	10.963	105	98294	19.026	ug/l	100
74) N-amyl acetate	10.842	43	47472	19.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	32978	19.594	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28317m	19.212	ug/l	
77) Bromobenzene	11.195	156	23639	18.802	ug/l	98
78) n-propylbenzene	11.305	91	106039	18.696	ug/l	99
79) 2-Chlorotoluene	11.366	91	69185	18.974	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	80448	18.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9547	16.786	ug/l	90
82) 4-Chlorotoluene	11.451	91	76669	18.458	ug/l	99
83) tert-Butylbenzene	11.713	119	81457	18.552	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	82552	19.252	ug/l	100
85) sec-Butylbenzene	11.890	105	98978	19.016	ug/l	99
86) p-Isopropyltoluene	12.006	119	82267	18.945	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41738	18.845	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	41283	18.080	ug/l	98
89) n-Butylbenzene	12.335	91	66289	18.234	ug/l	98
90) Hexachloroethane	12.536	117	13826	16.977	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	42525	18.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7092	17.259	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	23596	18.071	ug/l	100
94) Hexachlorobutadiene	13.725	225	9740	18.816	ug/l	97
95) Naphthalene	13.774	128	89791	18.706	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24825	18.427	ug/l	99

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

