

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042889.D
 Acq On : 07 Aug 2024 00:32
 Operator : JC/MD
 Sample : VX0807WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 06:28:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	226518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170906	54.960	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.920%			
35) Dibromofluoromethane	5.385	113	135949	52.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.647	98	472282	51.491	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.980%			
62) 4-Bromofluorobenzene	11.079	95	168587	51.149	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47734	19.550	ug/l	96
3) Chloromethane	1.300	50	54502	20.487	ug/l	99
4) Vinyl Chloride	1.374	62	53173	21.066	ug/l	99
5) Bromomethane	1.599	94	31054	20.329	ug/l	100
6) Chloroethane	1.666	64	29560	20.557	ug/l	100
7) Trichlorofluoromethane	1.873	101	78767	20.066	ug/l	97
8) Diethyl Ether	2.136	74	30392	21.049	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	42677	17.292	ug/l	93
10) Methyl Iodide	2.447	142	54143	21.216	ug/l	93
11) Tert butyl alcohol	2.995	59	65760	106.317	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	47125	18.875	ug/l	85
13) Acrolein	2.239	56	67365	110.493	ug/l	97
14) Allyl chloride	2.660	41	80350	21.299	ug/l	93
15) Acrylonitrile	3.068	53	160557	101.703	ug/l	98
16) Acetone	2.392	43	135115	100.176	ug/l	93
17) Carbon Disulfide	2.501	76	115372	18.989	ug/l	99
18) Methyl Acetate	2.709	43	84130	19.670	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	173533	20.650	ug/l	99
20) Methylene Chloride	2.788	84	59085	20.500	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	51193	20.380	ug/l	91
22) Diisopropyl ether	3.769	45	175069	21.124	ug/l	93
23) Vinyl Acetate	3.727	43	979764	104.162	ug/l	98
24) 1,1-Dichloroethane	3.611	63	95592	20.055	ug/l	97
25) 2-Butanone	4.568	43	217432	102.652	ug/l	96
26) 2,2-Dichloropropane	4.477	77	44607	15.223	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	63140	21.195	ug/l	87
28) Bromochloromethane	4.910	49	36639	20.033	ug/l #	82
29) Tetrahydrofuran	5.013	42	143257	100.088	ug/l	95
30) Chloroform	5.099	83	102042	20.450	ug/l	94
31) Cyclohexane	5.470	56	69349	17.823	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	87688	19.962	ug/l	97
36) 1,1-Dichloropropene	5.696	75	61105	17.444	ug/l	95
37) Ethyl Acetate	4.727	43	84416	19.261	ug/l	99
38) Carbon Tetrachloride	5.672	117	70201	17.753	ug/l	98
39) Methylcyclohexane	7.379	83	69817	16.766	ug/l	93
40) Benzene	6.037	78	212580	19.553	ug/l	96

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41) Methacrylonitrile	4.928	41	43110	19.097	ug/l	92
42) 1,2-Dichloroethane	6.086	62	79402	20.079	ug/l	98
43) Isopropyl Acetate	6.348	43	127498	19.670	ug/l	97
44) Trichloroethene	7.129	130	52979	19.394	ug/l	93
45) 1,2-Dichloropropane	7.433	63	53337	19.340	ug/l	95
46) Dibromomethane	7.586	93	39388	19.446	ug/l	91
47) Bromodichloromethane	7.824	83	75158	19.974	ug/l	100
48) Methyl methacrylate	7.696	41	61691	19.849	ug/l	93
49) 1,4-Dioxane	7.671	88	28125	407.640	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	432153	99.534	ug/l	98
52) Toluene	8.720	92	130534	19.794	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	65994	18.973	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	75049	19.537	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	55065	20.540	ug/l	98
56) Ethyl methacrylate	9.116	69	86833	20.128	ug/l	95
57) 1,3-Dichloropropane	9.311	76	88932	20.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	221192	108.788	ug/l	99
59) 2-Hexanone	9.433	43	331748	98.608	ug/l	96
60) Dibromochloromethane	9.518	129	57154	19.407	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56546	19.964	ug/l	97
64) Tetrachloroethene	9.275	164	45985	19.323	ug/l	97
65) Chlorobenzene	10.079	112	143269	19.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50729	20.256	ug/l	99
67) Ethyl Benzene	10.195	91	237921	19.474	ug/l	100
68) m/p-Xylenes	10.299	106	184590	39.578	ug/l	98
69) o-Xylene	10.640	106	93627	20.040	ug/l	99
70) Styrene	10.659	104	152857	20.346	ug/l	96
71) Bromoform	10.799	173	40755	20.169	ug/l #	100
73) Isopropylbenzene	10.963	105	229608	19.501	ug/l	99
74) N-amyl acetate	10.841	43	107781	20.344	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	85372	19.792	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	69285m	18.917	ug/l	
77) Bromobenzene	11.195	156	59281	19.793	ug/l	90
78) n-propylbenzene	11.305	91	257340	19.676	ug/l	99
79) 2-Chlorotoluene	11.366	91	167196	19.945	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	193965	19.895	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19674	17.466	ug/l	98
82) 4-Chlorotoluene	11.451	91	185908	19.731	ug/l	97
83) tert-Butylbenzene	11.713	119	195665	19.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	193999	19.766	ug/l	98
85) sec-Butylbenzene	11.890	105	227528	19.286	ug/l	99
86) p-Isopropyltoluene	12.006	119	189794	19.363	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	105311	19.428	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	104434	18.797	ug/l	99
89) n-Butylbenzene	12.329	91	152010	17.977	ug/l	98
90) Hexachloroethane	12.536	117	32912	18.356	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	110679	20.391	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18434	19.450	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	62346	18.831	ug/l	94
94) Hexachlorobutadiene	13.725	225	25715	18.313	ug/l	99
95) Naphthalene	13.774	128	233153	20.350	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	66356	19.910	ug/l	98

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

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