

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041733.D
 Acq On : 04 Jun 2024 14:45
 Operator : JC/MD
 Sample : VX0604WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 04:56:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	201209	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	287045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	144896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	134352	54.443	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.880%			
35) Dibromofluoromethane	5.379	113	106887	53.858	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.720%			
50) Toluene-d8	8.647	98	389077	56.108	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.220%#			
62) 4-Bromofluorobenzene	11.079	95	148796	58.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	38368	21.702	ug/l	99
3) Chloromethane	1.300	50	38478	19.947	ug/l	99
4) Vinyl Chloride	1.374	62	40337	20.313	ug/l	98
5) Bromomethane	1.593	94	27040	19.552	ug/l	98
6) Chloroethane	1.660	64	24259	20.212	ug/l	100
7) Trichlorofluoromethane	1.867	101	67666	20.867	ug/l	97
8) Diethyl Ether	2.136	74	25324	20.263	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.312	101	39427	21.457	ug/l	89
10) Methyl Iodide	2.440	142	48390	21.119	ug/l	92
11) Tert butyl alcohol	2.995	59	49800	114.077	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	35614	19.856	ug/l	90
13) Acrolein	2.239	56	41904	103.094	ug/l	96
14) Allyl chloride	2.654	41	62028	21.022	ug/l	97
15) Acrylonitrile	3.068	53	115540	107.921	ug/l	98
16) Acetone	2.392	43	123240	112.387	ug/l	99
17) Carbon Disulfide	2.501	76	74147	18.687	ug/l	99
18) Methyl Acetate	2.709	43	52483	22.273	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	127310	21.215	ug/l	100
20) Methylene Chloride	2.782	84	43731	19.802	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	37525	20.165	ug/l	88
22) Diisopropyl ether	3.763	45	128083	21.240	ug/l	92
23) Vinyl Acetate	3.721	43	588723	108.672	ug/l	97
24) 1,1-Dichloroethane	3.599	63	69860	20.488	ug/l	98
25) 2-Butanone	4.562	43	175219	114.243	ug/l	98
26) 2,2-Dichloropropane	4.471	77	58310	20.843	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	45738	20.561	ug/l	93
28) Bromochloromethane	4.891	49	31620	21.530	ug/l	# 82
29) Tetrahydrofuran	5.007	42	109210	112.907	ug/l	97
30) Chloroform	5.086	83	75636	21.127	ug/l	97
31) Cyclohexane	5.458	56	59767	20.514	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	65738	20.954	ug/l	98
36) 1,1-Dichloropropene	5.684	75	49834	20.738	ug/l	96
37) Ethyl Acetate	4.721	43	66967	22.082	ug/l	99
38) Carbon Tetrachloride	5.665	117	56592	20.728	ug/l	98
39) Methylcyclohexane	7.372	83	64529	21.857	ug/l	95
40) Benzene	6.031	78	156281	20.806	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34453	23.229	ug/l	96
42) 1,2-Dichloroethane	6.080	62	59460	21.205	ug/l	97
43) Isopropyl Acetate	6.342	43	98824	21.583	ug/l	99
44) Trichloroethene	7.123	130	42844	20.973	ug/l	92
45) 1,2-Dichloropropane	7.427	63	38621	21.625	ug/l	100
46) Dibromomethane	7.580	93	28827	21.045	ug/l #	80
47) Bromodichloromethane	7.818	83	53193	20.973	ug/l	96
48) Methyl methacrylate	7.696	41	48713	22.154	ug/l	95
49) 1,4-Dioxane	7.665	88	21700	451.670	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	343211	115.593	ug/l	99
52) Toluene	8.714	92	102628	21.529	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	53654	21.491	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	58867	21.314	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	41989	21.852	ug/l	98
56) Ethyl methacrylate	9.116	69	66099	22.537	ug/l	99
57) 1,3-Dichloropropane	9.305	76	68599	21.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	145023	105.027	ug/l	94
59) 2-Hexanone	9.433	43	271634	119.997	ug/l	100
60) Dibromochloromethane	9.518	129	45595	21.390	ug/l	99
61) 1,2-Dibromoethane	9.610	107	43938	21.665	ug/l	98
64) Tetrachloroethene	9.268	164	41372	20.814	ug/l	92
65) Chlorobenzene	10.079	112	119950	21.075	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	41447	20.986	ug/l	98
67) Ethyl Benzene	10.195	91	197975	21.826	ug/l	99
68) m/p-Xylenes	10.299	106	158597	43.951	ug/l	93
69) o-Xylene	10.640	106	77674	21.638	ug/l	95
70) Styrene	10.652	104	129861	21.902	ug/l	96
71) Bromoform	10.799	173	35733	20.775	ug/l #	98
73) Isopropylbenzene	10.963	105	201717	22.443	ug/l	97
74) N-amyl acetate	10.841	43	90345	22.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	67110	21.040	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	55585m	21.987	ug/l	
77) Bromobenzene	11.195	156	57029	21.496	ug/l	81
78) n-propylbenzene	11.305	91	224184	22.715	ug/l	97
79) 2-Chlorotoluene	11.360	91	140077	22.082	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	169350	22.567	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	18428	19.867	ug/l	95
82) 4-Chlorotoluene	11.451	91	156808	21.728	ug/l	93
83) tert-Butylbenzene	11.713	119	180102	22.280	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	172152	22.642	ug/l	94
85) sec-Butylbenzene	11.890	105	211918	22.867	ug/l	96
86) p-Isopropyltoluene	12.006	119	186773	22.979	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	102410	21.614	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	103683	21.229	ug/l	95
89) n-Butylbenzene	12.329	91	149347	23.211	ug/l	97
90) Hexachloroethane	12.536	117	29080	21.036	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	103546	21.455	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14838	23.027	ug/l	66
93) 1,2,4-Trichlorobenzene	13.585	180	70014	22.012	ug/l	95
94) Hexachlorobutadiene	13.725	225	34836	22.106	ug/l	98
95) Naphthalene	13.774	128	215513	22.961	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71277	21.774	ug/l	94

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

