

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
 Data File : VX042159.D
 Acq On : 03 Jul 2024 13:15
 Operator : JC/MD
 Sample : VX0703WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/05/2024
 Supervised By : Mahesh Dadoda 07/05/2024

Quant Time: Jul 04 07:23:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163655	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	227793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84332	44.687	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.380%		
35) Dibromofluoromethane	5.385	113	78421	48.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	8.647	98	266372	46.911	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.820%		
62) 4-Bromofluorobenzene	11.079	95	101824	48.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26252	21.056	ug/l	99
3) Chloromethane	1.300	50	28565	18.262	ug/l	99
4) Vinyl Chloride	1.374	62	27389	17.469	ug/l	100
5) Bromomethane	1.593	94	16182	20.901	ug/l	99
6) Chloroethane	1.666	64	14255	20.024	ug/l	95
7) Trichlorofluoromethane	1.867	101	42671	20.772	ug/l	99
8) Diethyl Ether	2.136	74	16345	16.951	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	27804	19.649	ug/l #	85
10) Methyl Iodide	2.440	142	32038	18.216	ug/l #	84
11) Tert butyl alcohol	2.989	59	30540	85.272	ug/l #	94
12) 1,1-Dichloroethene	2.306	96	26253	18.599	ug/l	81
13) Acrolein	2.239	56	32174	80.141	ug/l	97
14) Allyl chloride	2.654	41	41136	18.376	ug/l	88
15) Acrylonitrile	3.068	53	85612	91.516	ug/l	98
16) Acetone	2.392	43	68483	82.644	ug/l #	86
17) Carbon Disulfide	2.501	76	52841	18.360	ug/l	97
18) Methyl Acetate	2.709	43	36465	16.131	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	88300	18.935	ug/l	100
20) Methylene Chloride	2.782	84	31494	17.357	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	26842	18.737	ug/l	85
22) Diisopropyl ether	3.763	45	86828	18.350	ug/l	94
23) Vinyl Acetate	3.721	43	388253	96.077	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	49612	18.722	ug/l	97
25) 2-Butanone	4.562	43	114921	89.143	ug/l	95
26) 2,2-Dichloropropane	4.465	77	36808	19.182	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	33556	18.702	ug/l	86
28) Bromochloromethane	4.897	49	19950	17.577	ug/l #	72
29) Tetrahydrofuran	5.013	42	74236	89.163	ug/l	91
30) Chloroform	5.092	83	51536	18.668	ug/l	98
31) Cyclohexane	5.464	56	41220	18.677	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	43750	18.966	ug/l	95
36) 1,1-Dichloropropene	5.690	75	33209	19.348	ug/l	95
37) Ethyl Acetate	4.721	43	43684	19.538	ug/l	96
38) Carbon Tetrachloride	5.678	117	37362	19.702	ug/l	96
39) Methylcyclohexane	7.379	83	43754	20.157	ug/l	91
40) Benzene	6.031	78	112268	19.394	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	22917	18.909	ug/l	90
42) 1,2-Dichloroethane	6.086	62	36122	19.372	ug/l	89
43) Isopropyl Acetate	6.342	43	64205	18.708	ug/l	94
44) Trichloroethene	7.123	130	30772	19.832	ug/l	85
45) 1,2-Dichloropropane	7.427	63	27721	19.476	ug/l	100
46) Dibromomethane	7.580	93	20723	19.982	ug/l #	76
47) Bromodichloromethane	7.824	83	36582	19.213	ug/l	98
48) Methyl methacrylate	7.696	41	31227	19.066	ug/l #	84
49) 1,4-Dioxane	7.671	88	15164m	362.862	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	224000	94.754	ug/l	95
52) Toluene	8.720	92	72834	19.759	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	35957	18.715	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41489	19.903	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	30488	19.854	ug/l	97
56) Ethyl methacrylate	9.116	69	47559	19.908	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	48168	19.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	118415	106.367	ug/l	93
59) 2-Hexanone	9.433	43	170213	94.007	ug/l	92
60) Dibromochloromethane	9.518	129	31823	19.078	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31914	20.040	ug/l	100
64) Tetrachloroethene	9.275	164	30743	20.279	ug/l	90
65) Chlorobenzene	10.079	112	85269	19.691	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	29772	19.637	ug/l	98
67) Ethyl Benzene	10.195	91	134228	19.779	ug/l	99
68) m/p-Xylenes	10.299	106	109253	39.880	ug/l	91
69) o-Xylene	10.640	106	53518	19.732	ug/l	94
70) Styrene	10.652	104	90304	19.855	ug/l	94
71) Bromoform	10.799	173	25787	18.668	ug/l #	99
73) Isopropylbenzene	10.963	105	137917	19.906	ug/l	97
74) N-amyl acetate	10.841	43	54992	17.868	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	47769	18.542	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37686m	18.218	ug/l	
77) Bromobenzene	11.195	156	40328	19.543	ug/l	77
78) n-propylbenzene	11.305	91	147523	19.624	ug/l	96
79) 2-Chlorotoluene	11.366	91	94367	19.483	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	115006	19.928	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	12828	17.611	ug/l	91
82) 4-Chlorotoluene	11.451	91	104092	19.441	ug/l	91
83) tert-Butylbenzene	11.713	119	123026	19.428	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	117499	20.294	ug/l	94
85) sec-Butylbenzene	11.890	105	143000	19.966	ug/l	96
86) p-Isopropyltoluene	12.006	119	124524	19.903	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	70002	19.300	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	70676	18.992	ug/l	95
89) n-Butylbenzene	12.335	91	91792	19.059	ug/l	98
90) Hexachloroethane	12.536	117	20104	18.874	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	70701	19.050	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9320	18.255	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	45756	18.820	ug/l	96
94) Hexachlorobutadiene	13.725	225	23293	18.946	ug/l	98
95) Naphthalene	13.774	128	142206	17.894	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	48938	19.085	ug/l	96

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

