

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042925.D
 Acq On : 07 Aug 2024 18:54
 Operator : JC/MD
 Sample : VX0807WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/08/2024
 Supervised By :Semsettin Yesilyurt 08/08/2024

Quant Time: Aug 08 02:28:48 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	5.550	168	223853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	368495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170034	55.331	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.660%			
35) Dibromofluoromethane	5.385	113	135037	56.046	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.100%			
50) Toluene-d8	8.647	98	467826	54.694	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.380%			
62) 4-Bromofluorobenzene	11.079	95	172837	56.232	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54162	22.447	ug/l	98
3) Chloromethane	1.301	50	53591	20.385	ug/l	97
4) Vinyl Chloride	1.374	62	51485	20.640	ug/l	99
5) Bromomethane	1.599	94	29278	19.394	ug/l	98
6) Chloroethane	1.666	64	23933	16.842	ug/l	90
7) Trichlorofluoromethane	1.867	101	85471	22.033	ug/l	95
8) Diethyl Ether	2.136	74	29042	20.354	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	50478	20.697	ug/l	95
10) Methyl Iodide	2.447	142	60927	24.159	ug/l	93
11) Tert butyl alcohol	2.995	59	69229	113.258	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	49986	20.259	ug/l	84
13) Acrolein	2.239	56	64013	106.245	ug/l	99
14) Allyl chloride	2.660	41	78996	21.189	ug/l	94
15) Acrylonitrile	3.075	53	153921	98.660	ug/l	98
16) Acetone	2.392	43	126826	95.150	ug/l	93
17) Carbon Disulfide	2.502	76	110639	18.427	ug/l	98
18) Methyl Acetate	2.709	43	83214	19.687	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	172626	20.787	ug/l	98
20) Methylene Chloride	2.788	84	58361	20.489	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	50319	20.271	ug/l	90
22) Diisopropyl ether	3.770	45	164867	20.130	ug/l	93
23) Vinyl Acetate	3.721	43	948575	102.047	ug/l	98
24) 1,1-Dichloroethane	3.605	63	95274	20.227	ug/l	97
25) 2-Butanone	4.568	43	203771	97.348	ug/l	93
26) 2,2-Dichloropropane	4.471	77	64994	22.444	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	60457	20.536	ug/l	91
28) Bromochloromethane	4.904	49	36928	20.431	ug/l #	82
29) Tetrahydrofuran	5.013	42	136359	96.403	ug/l	94
30) Chloroform	5.099	83	100724	20.426	ug/l	100
31) Cyclohexane	5.464	56	79983	20.801	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	90117	20.760	ug/l	97
36) 1,1-Dichloropropene	5.690	75	64597	19.775	ug/l	97
37) Ethyl Acetate	4.727	43	74821	18.306	ug/l	95
38) Carbon Tetrachloride	5.672	117	74811	20.288	ug/l	95
39) Methylcyclohexane	7.379	83	80208	20.655	ug/l	99
40) Benzene	6.037	78	210812	20.794	ug/l	100

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41) Methacrylonitrile	4.928	41	41860	19.885	ug/l	93
42) 1,2-Dichloroethane	6.086	62	78062	21.168	ug/l	100
43) Isopropyl Acetate	6.342	43	124693	20.629	ug/l	97
44) Trichloroethene	7.129	130	52818	20.734	ug/l	94
45) 1,2-Dichloropropane	7.434	63	49443	19.225	ug/l	97
46) Dibromomethane	7.586	93	38969	20.631	ug/l	92
47) Bromodichloromethane	7.824	83	71882	20.486	ug/l	99
48) Methyl methacrylate	7.696	41	58446	20.165	ug/l	91
49) 1,4-Dioxane	7.671	88	27994	435.091	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	420558	103.870	ug/l	98
52) Toluene	8.720	92	130274	21.184	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	68890	21.239	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	76082	21.239	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	53540	21.416	ug/l	95
56) Ethyl methacrylate	9.116	69	83512	20.759	ug/l	93
57) 1,3-Dichloropropane	9.311	76	87636	21.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	207397	109.381	ug/l	98
59) 2-Hexanone	9.433	43	318310	101.458	ug/l	96
60) Dibromochloromethane	9.519	129	55257	20.120	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56439	21.367	ug/l	100
64) Tetrachloroethene	9.275	164	47971	20.877	ug/l	94
65) Chlorobenzene	10.079	112	142753	20.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51259	21.199	ug/l	99
67) Ethyl Benzene	10.195	91	247887	21.015	ug/l	99
68) m/p-Xylenes	10.299	106	189445	42.070	ug/l	99
69) o-Xylene	10.640	106	94646	20.981	ug/l	98
70) Styrene	10.652	104	155233	21.400	ug/l	97
71) Bromoform	10.799	173	39482	20.233	ug/l #	98
73) Isopropylbenzene	10.963	105	243870	21.080	ug/l	98
74) N-amyl acetate	10.841	43	103690	19.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	82935	19.569	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	68963m	19.164	ug/l	
77) Bromobenzene	11.195	156	61020	20.735	ug/l	87
78) n-propylbenzene	11.305	91	266395	20.730	ug/l	99
79) 2-Chlorotoluene	11.366	91	169968	20.636	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	206249	21.531	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	22321	20.168	ug/l	95
82) 4-Chlorotoluene	11.451	91	192745	20.820	ug/l	98
83) tert-Butylbenzene	11.713	119	203977	20.720	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	208481	21.619	ug/l	99
85) sec-Butylbenzene	11.890	105	249075	21.487	ug/l	100
86) p-Isopropyltoluene	12.006	119	207309	21.526	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110753	20.795	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	110993	20.332	ug/l	99
89) n-Butylbenzene	12.335	91	165029	19.863	ug/l	98
90) Hexachloroethane	12.536	117	33707	19.133	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	113699	21.319	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18548	19.918	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	64410	19.800	ug/l	97
94) Hexachlorobutadiene	13.725	225	29459	21.352	ug/l	98
95) Naphthalene	13.774	128	239316	21.259	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	68515	20.923	ug/l	97

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

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