

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
 Data File : VX040786.D
 Acq On : 25 Mar 2024 11:25
 Operator : JC/MD
 Sample : VX0325WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 04:44:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	54133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	89530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	74645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	39054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47931	52.659	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.320%			
35) Dibromofluoromethane	5.379	113	33922	50.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.280%			
50) Toluene-d8	8.647	98	118410	51.621	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.240%			
62) 4-Bromofluorobenzene	11.079	95	43442	47.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14027	20.024	ug/l	95
3) Chloromethane	1.300	50	12784	17.842	ug/l	97
4) Vinyl Chloride	1.374	62	13641	20.106	ug/l	100
5) Bromomethane	1.611	94	10004	21.874	ug/l	99
6) Chloroethane	1.691	64	9104	19.091	ug/l #	86
7) Trichlorofluoromethane	1.892	101	24993	21.054	ug/l	98
8) Diethyl Ether	2.130	74	7720	20.232	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	14060	20.596	ug/l	100
10) Methyl Iodide	2.453	142	17895	19.799	ug/l	99
11) Tert butyl alcohol	2.940	59	14559	99.885	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	13155	20.574	ug/l	89
13) Acrolein	2.233	56	6140	71.182	ug/l	94
14) Allyl chloride	2.666	41	22390	19.538	ug/l	90
15) Acrylonitrile	3.056	53	35965	99.952	ug/l	98
16) Acetone	2.373	43	31026	96.233	ug/l	98
17) Carbon Disulfide	2.514	76	34184	18.612	ug/l	100
18) Methyl Acetate	2.703	43	16259	18.817	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	43967	19.923	ug/l	98
20) Methylene Chloride	2.788	84	13802	19.584	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	12991	19.246	ug/l	88
22) Diisopropyl ether	3.751	45	44307	19.814	ug/l	86
23) Vinyl Acetate	3.715	43	212750	100.654	ug/l	100
24) 1,1-Dichloroethane	3.605	63	25200	19.621	ug/l	98
25) 2-Butanone	4.544	43	51129	101.250	ug/l	98
26) 2,2-Dichloropropane	4.471	77	22116	19.736	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	15579	19.924	ug/l	99
28) Bromochloromethane	4.891	49	12013	20.450	ug/l	99
29) Tetrahydrofuran	4.989	42	34159	101.697	ug/l	99
30) Chloroform	5.086	83	28418	20.667	ug/l	98
31) Cyclohexane	5.470	56	21453	19.837	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	24787	20.972	ug/l	99
36) 1,1-Dichloropropene	5.684	75	19097	19.361	ug/l	98
37) Ethyl Acetate	4.702	43	22265	19.878	ug/l	97
38) Carbon Tetrachloride	5.678	117	21695	19.541	ug/l	95
39) Methylcyclohexane	7.379	83	22805	20.869	ug/l	98
40) Benzene	6.031	78	53505	19.644	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	11684	20.173	ug/l	98
42) 1,2-Dichloroethane	6.080	62	22376	20.302	ug/l	97
43) Isopropyl Acetate	6.330	43	34448	19.586	ug/l	98
44) Trichloroethene	7.123	130	13664	20.930	ug/l	98
45) 1,2-Dichloropropane	7.427	63	13617	21.309	ug/l	95
46) Dibromomethane	7.580	93	10277	20.306	ug/l	98
47) Bromodichloromethane	7.818	83	19739	19.087	ug/l	93
48) Methyl methacrylate	7.689	41	15583	19.384	ug/l	96
49) 1,4-Dioxane	7.653	88	5114	376.938	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	109276	100.183	ug/l	96
52) Toluene	8.714	92	33194	20.435	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	21566	20.159	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	21533	19.462	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	13265	20.053	ug/l	93
56) Ethyl methacrylate	9.110	69	22590	20.430	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	23692	20.988	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	47851	82.458	ug/l	97
59) 2-Hexanone	9.427	43	88468	104.701	ug/l	96
60) Dibromochloromethane	9.518	129	15877	20.425	ug/l	100
61) 1,2-Dibromoethane	9.604	107	14253	20.404	ug/l	98
64) Tetrachloroethene	9.268	164	11791	21.207	ug/l	94
65) Chlorobenzene	10.073	112	34538	20.401	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	12152	21.093	ug/l	99
67) Ethyl Benzene	10.189	91	63459	20.930	ug/l	95
68) m/p-Xylenes	10.299	106	45829	41.284	ug/l	91
69) o-Xylene	10.640	106	22596	21.189	ug/l	92
70) Styrene	10.652	104	37568	21.044	ug/l	95
71) Bromoform	10.799	173	10043	21.343	ug/l #	100
73) Isopropylbenzene	10.957	105	61416	20.726	ug/l	99
74) N-amyl acetate	10.841	43	30754	21.079	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.207	83	20119	20.055	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	17321m	20.622	ug/l	
77) Bromobenzene	11.195	156	14370	20.034	ug/l	97
78) n-propylbenzene	11.305	91	76212	20.859	ug/l	98
79) 2-Chlorotoluene	11.360	91	43667	20.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	54291	21.855	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	6290	18.945	ug/l #	90
82) 4-Chlorotoluene	11.451	91	53961	20.407	ug/l	98
83) tert-Butylbenzene	11.713	119	51726	20.760	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	54019	21.606	ug/l	99
85) sec-Butylbenzene	11.890	105	66061	20.850	ug/l	99
86) p-Isopropyltoluene	12.006	119	55199	21.010	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	28133	20.539	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	29140	20.032	ug/l	100
89) n-Butylbenzene	12.329	91	55777	21.053	ug/l	97
90) Hexachloroethane	12.536	117	9635	21.061	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	27801	20.659	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4877	19.471	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	19272	20.150	ug/l	96
94) Hexachlorobutadiene	13.725	225	7627	20.232	ug/l	99
95) Naphthalene	13.774	128	63834	21.096	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	19149	20.379	ug/l	98

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

