

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040823.D
 Acq On : 28 Mar 2024 12:58
 Operator : JC/MD
 Sample : VX0328WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 04:22:37 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	5.549	168	40990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	69717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	63003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	33860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	36388	52.795	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.600%
35) Dibromofluoromethane	5.379	113	26715	51.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	8.646	98	89881	50.319	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.640%
62) 4-Bromofluorobenzene	11.079	95	35896	50.865	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	9260	17.457	ug/l	97
3) Chloromethane	1.300	50	8772	16.168	ug/l	99
4) Vinyl Chloride	1.373	62	9568	18.624	ug/l	98
5) Bromomethane	1.611	94	6732	19.439	ug/l	97
6) Chloroethane	1.690	64	6073	16.818	ug/l	94
7) Trichlorofluoromethane	1.892	101	16694	18.572	ug/l	96
8) Diethyl Ether	2.135	74	5723	19.807	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	10166	19.667	ug/l	97
10) Methyl Iodide	2.452	142	12613	18.430	ug/l	100
11) Tert butyl alcohol	2.952	59	13367	121.112	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	9049	18.690	ug/l	98
13) Acrolein	2.233	56	6341	97.083	ug/l	93
14) Allyl chloride	2.666	41	16945	19.528	ug/l	93
15) Acrylonitrile	3.056	53	31120	114.218	ug/l	97
16) Acetone	2.373	43	30220	123.788	ug/l	100
17) Carbon Disulfide	2.513	76	22343	16.066	ug/l	98
18) Methyl Acetate	2.702	43	13957	21.332	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	34782	20.814	ug/l	99
20) Methylene Chloride	2.788	84	10436	19.556	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	9676	18.931	ug/l	91
22) Diisopropyl ether	3.757	45	34304	20.260	ug/l	90
23) Vinyl Acetate	3.721	43	170220	106.355	ug/l	100
24) 1,1-Dichloroethane	3.611	63	19666	20.222	ug/l	99
25) 2-Butanone	4.550	43	45957	120.188	ug/l	95
26) 2,2-Dichloropropane	4.470	77	16093	18.966	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	11455	19.347	ug/l	97
28) Bromochloromethane	4.891	49	9504	21.367	ug/l	99
29) Tetrahydrofuran	4.995	42	29797	117.155	ug/l	98
30) Chloroform	5.092	83	21511	20.660	ug/l	97
31) Cyclohexane	5.470	56	14641	17.879	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	17504	19.559	ug/l	97
36) 1,1-Dichloropropene	5.696	75	13083	17.033	ug/l	99
37) Ethyl Acetate	4.714	43	17786	20.392	ug/l	98
38) Carbon Tetrachloride	5.684	117	14596	16.883	ug/l	91
39) Methylcyclohexane	7.378	83	14531	17.076	ug/l	96
40) Benzene	6.031	78	37036	17.462	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	10149	22.502	ug/l	97
42) 1,2-Dichloroethane	6.086	62	16797	19.571	ug/l	98
43) Isopropyl Acetate	6.330	43	27663	20.198	ug/l	96
44) Trichloroethene	7.128	130	9379	18.449	ug/l	95
45) 1,2-Dichloropropane	7.427	63	9641	19.374	ug/l	95
46) Dibromomethane	7.580	93	8155	20.692	ug/l	95
47) Bromodichloromethane	7.817	83	15933	19.785	ug/l	97
48) Methyl methacrylate	7.689	41	13151	21.008	ug/l	93
49) 1,4-Dioxane	7.659	88	4860	460.018	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	91226	107.404	ug/l	95
52) Toluene	8.720	92	23320	18.436	ug/l	89
53) t-1,3-Dichloropropene	8.976	75	15211	18.259	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	15874	18.425	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	9626	18.687	ug/l	91
56) Ethyl methacrylate	9.116	69	16888	19.614	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	16090	18.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	42842	94.808	ug/l	97
59) 2-Hexanone	9.427	43	70227	106.733	ug/l	96
60) Dibromochloromethane	9.518	129	11881	19.628	ug/l	99
61) 1,2-Dibromoethane	9.610	107	10772	19.803	ug/l	100
64) Tetrachloroethene	9.274	164	8173	17.416	ug/l	93
65) Chlorobenzene	10.079	112	27460	19.217	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	9412	19.356	ug/l	97
67) Ethyl Benzene	10.195	91	49051	19.167	ug/l	95
68) m/p-Xylenes	10.299	106	36294	38.736	ug/l	94
69) o-Xylene	10.640	106	17240	19.153	ug/l	94
70) Styrene	10.652	104	29584	19.634	ug/l	98
71) Bromoform	10.799	173	7977	20.085	ug/l #	96
73) Isopropylbenzene	10.963	105	47103	18.334	ug/l	99
74) N-amyl acetate	10.841	43	24255	19.175	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	16581	19.064	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	13839m	19.003	ug/l	
77) Bromobenzene	11.195	156	11719	18.845	ug/l	96
78) n-propylbenzene	11.305	91	53172	16.785	ug/l	98
79) 2-Chlorotoluene	11.359	91	32540	17.802	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	39215	18.207	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	4957	17.220	ug/l	93
82) 4-Chlorotoluene	11.451	91	39615	17.279	ug/l	99
83) tert-Butylbenzene	11.713	119	38994	18.051	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	40754	18.800	ug/l	98
85) sec-Butylbenzene	11.890	105	50321	18.318	ug/l	99
86) p-Isopropyltoluene	12.006	119	41959	18.420	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	21967	18.498	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	22726	18.019	ug/l	96
89) n-Butylbenzene	12.335	91	41674	18.142	ug/l	96
90) Hexachloroethane	12.536	117	7332	18.485	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	21418	18.357	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	4373	20.137	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	14811	17.861	ug/l	98
94) Hexachlorobutadiene	13.725	225	5644	17.268	ug/l	97
95) Naphthalene	13.774	128	50853	19.384	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14895	18.283	ug/l	98

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

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