

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039768.D
 Acq On : 16 Jan 2024 12:53
 Operator : JC/MD
 Sample : VX0116WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2024
 Supervised By : Mahesh Dadoda 01/17/2024

Quant Time: Jan 17 01:46:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	100421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	161795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69452	41.286	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.580%		
35) Dibromofluoromethane	5.379	113	52683	44.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.380%		
50) Toluene-d8	8.647	98	191048	42.972	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.940%#		
62) 4-Bromofluorobenzene	11.079	95	74906	43.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21822	16.795	ug/l	100
3) Chloromethane	1.295	50	22572	15.212	ug/l	94
4) Vinyl Chloride	1.374	62	22375	15.978	ug/l	100
5) Bromomethane	1.605	94	15126	18.931	ug/l	95
6) Chloroethane	1.685	64	13576	17.054	ug/l	99
7) Trichlorofluoromethane	1.892	101	33338	16.503	ug/l	98
8) Diethyl Ether	2.130	74	13129	17.587	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	21446	17.124	ug/l	98
10) Methyl Iodide	2.453	142	23869	18.066	ug/l	92
11) Tert butyl alcohol	2.947	59	38180	87.190	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	19541	16.168	ug/l	93
13) Acrolein	2.233	56	31595	108.676	ug/l	99
14) Allyl chloride	2.666	41	38691	16.265	ug/l	98
15) Acrylonitrile	3.056	53	76978	85.103	ug/l	98
16) Acetone	2.374	43	84467	89.283	ug/l	93
17) Carbon Disulfide	2.514	76	50203	14.451	ug/l	99
18) Methyl Acetate	2.697	43	35249	17.809	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	75955	17.701	ug/l	100
20) Methylene Chloride	2.788	84	24118	16.854	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	21354	16.789	ug/l	94
22) Diisopropyl ether	3.751	45	79790	17.576	ug/l #	84
23) Vinyl Acetate	3.715	43	370432	87.783	ug/l	100
24) 1,1-Dichloroethane	3.611	63	41868	16.764	ug/l	99
25) 2-Butanone	4.544	43	117634	86.524	ug/l	100
26) 2,2-Dichloropropane	4.471	77	33240	16.583	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	26067	17.869	ug/l	96
28) Bromochloromethane	4.891	49	21736	19.200	ug/l	98
29) Tetrahydrofuran	5.001	42	73055	83.485	ug/l	99
30) Chloroform	5.087	83	44243	17.945	ug/l	99
31) Cyclohexane	5.471	56	36102	16.261	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	36230	17.165	ug/l	97
36) 1,1-Dichloropropene	5.696	75	30367	16.550	ug/l	97
37) Ethyl Acetate	4.702	43	41313	16.878	ug/l	99
38) Carbon Tetrachloride	5.666	117	29046	17.284	ug/l	96
39) Methylcyclohexane	7.379	83	37050	16.816	ug/l	96
40) Benzene	6.038	78	90837	17.484	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	21466	17.933	ug/l	93
42) 1,2-Dichloroethane	6.080	62	36181	18.317	ug/l	98
43) Isopropyl Acetate	6.336	43	65397	18.212	ug/l	99
44) Trichloroethene	7.123	130	22884	17.972	ug/l	90
45) 1,2-Dichloropropane	7.428	63	25315	18.163	ug/l	96
46) Dibromomethane	7.580	93	17788	18.478	ug/l	99
47) Bromodichloromethane	7.818	83	32344	18.141	ug/l	99
48) Methyl methacrylate	7.690	41	31571	17.887	ug/l	95
49) 1,4-Dioxane	7.653	88	12184	356.756	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	221367	89.513	ug/l	99
52) Toluene	8.714	92	56648	18.254	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	34301	18.131	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36953	17.764	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	24845	18.804	ug/l	98
56) Ethyl methacrylate	9.116	69	39154	18.310	ug/l	97
57) 1,3-Dichloropropane	9.305	76	41380	18.481	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	94740	93.731	ug/l	96
59) 2-Hexanone	9.427	43	179466	91.692	ug/l	98
60) Dibromochloromethane	9.519	129	23075	18.519	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25827	18.876	ug/l	100
64) Tetrachloroethene	9.269	164	19270	18.315	ug/l	97
65) Chlorobenzene	10.080	112	59354	17.613	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21222	18.495	ug/l	98
67) Ethyl Benzene	10.189	91	111718	17.857	ug/l	98
68) m/p-Xylenes	10.299	106	83129	36.130	ug/l	97
69) o-Xylene	10.640	106	40265	17.671	ug/l	94
70) Styrene	10.653	104	67180	18.049	ug/l	99
71) Bromoform	10.799	173	15228	17.674	ug/l #	98
73) Isopropylbenzene	10.957	105	107075	17.121	ug/l	100
74) N-amyl acetate	10.842	43	54944	16.854	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	41258	17.276	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35492m	17.428	ug/l	
77) Bromobenzene	11.195	156	25017	17.966	ug/l	99
78) n-propylbenzene	11.305	91	128553	16.983	ug/l	98
79) 2-Chlorotoluene	11.366	91	77186	16.499	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	92123	17.344	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	10489	17.123	ug/l	97
82) 4-Chlorotoluene	11.451	91	90835	17.117	ug/l	99
83) tert-Butylbenzene	11.713	119	87927	17.339	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	92460	17.448	ug/l	98
85) sec-Butylbenzene	11.890	105	116618	17.716	ug/l	99
86) p-Isopropyltoluene	12.006	119	91651	17.420	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	46851	17.552	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	48371	17.546	ug/l	98
89) n-Butylbenzene	12.329	91	86978	17.117	ug/l	96
90) Hexachloroethane	12.536	117	14311	16.124	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	46750	17.716	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9426	16.107	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	27430	17.009	ug/l	99
94) Hexachlorobutadiene	13.725	225	12257	18.284	ug/l	96
95) Naphthalene	13.774	128	101237	17.053	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28211	17.333	ug/l	98

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

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