

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039656.D
 Acq On : 08 Jan 2024 11:19
 Operator : JC/MD
 Sample : VX0108WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

Quant Time: Jan 09 04:31:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	100283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85725	46.663	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.320%			
35) Dibromofluoromethane	5.379	113	62612	50.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.647	98	230673	50.090	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.079	95	92259	48.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23408	16.611	ug/l	100
3) Chloromethane	1.295	50	26919	17.231	ug/l	94
4) Vinyl Chloride	1.374	62	25770	17.737	ug/l	99
5) Bromomethane	1.605	94	17654	21.120	ug/l	90
6) Chloroethane	1.685	64	15546	17.756	ug/l	100
7) Trichlorofluoromethane	1.886	101	38164	17.939	ug/l	96
8) Diethyl Ether	2.130	74	15429	20.954	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	23964	18.458	ug/l	96
10) Methyl Iodide	2.453	142	22812	16.999	ug/l	93
11) Tert butyl alcohol	2.947	59	39808	86.290	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	22372	17.348	ug/l	97
13) Acrolein	2.233	56	29726	80.770	ug/l	99
14) Allyl chloride	2.660	41	45447	17.396	ug/l	97
15) Acrylonitrile	3.056	53	90968	98.513	ug/l	99
16) Acetone	2.374	43	96482	73.769	ug/l	96
17) Carbon Disulfide	2.508	76	57981	15.364	ug/l	98
18) Methyl Acetate	2.697	43	85088	21.414	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	87856	18.837	ug/l	95
20) Methylene Chloride	2.788	84	28148	18.380	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	24543	17.490	ug/l	98
22) Diisopropyl ether	3.757	45	93990	19.765	ug/l	90
23) Vinyl Acetate	3.715	43	335862	94.868	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49279	18.332	ug/l	98
25) 2-Butanone	4.544	43	137157	86.519	ug/l	99
26) 2,2-Dichloropropane	4.471	77	39402	16.789	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	29102	18.789	ug/l	97
28) Bromochloromethane	4.898	49	26091	19.892	ug/l	97
29) Tetrahydrofuran	4.995	42	84629	96.667	ug/l	99
30) Chloroform	5.093	83	51178	19.051	ug/l	98
31) Cyclohexane	5.465	56	41405	17.450	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	42174	18.084	ug/l	98
36) 1,1-Dichloropropene	5.690	75	35468	18.119	ug/l	99
37) Ethyl Acetate	4.709	43	46805	19.354	ug/l	98
38) Carbon Tetrachloride	5.678	117	32463	17.378	ug/l	97
39) Methylcyclohexane	7.379	83	42704	18.162	ug/l	96
40) Benzene	6.038	78	106805	19.289	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25615	19.852	ug/l	94
42) 1,2-Dichloroethane	6.080	62	42770	19.082	ug/l	100
43) Isopropyl Acetate	6.336	43	75683	19.245	ug/l	100
44) Trichloroethene	7.123	130	25959	18.578	ug/l	89
45) 1,2-Dichloropropane	7.428	63	30012	20.196	ug/l	99
46) Dibromomethane	7.580	93	20593	19.713	ug/l	95
47) Bromodichloromethane	7.818	83	38505	19.278	ug/l	98
48) Methyl methacrylate	7.690	41	45694	19.875	ug/l	97
49) 1,4-Dioxane	7.659	88	12739	411.068	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	260963	104.151	ug/l	99
52) Toluene	8.714	92	64543	19.313	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	41206	18.739	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	44554	18.830	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	28055	20.108	ug/l	95
56) Ethyl methacrylate	9.116	69	34834	20.452	ug/l	99
57) 1,3-Dichloropropane	9.305	76	48956	20.296	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	94487	94.475	ug/l	93
59) 2-Hexanone	9.427	43	209339	96.807	ug/l	98
60) Dibromochloromethane	9.519	129	27388	19.410	ug/l	100
61) 1,2-Dibromoethane	9.610	107	30007	20.146	ug/l	99
64) Tetrachloroethene	9.269	164	20542	18.541	ug/l	94
65) Chlorobenzene	10.080	112	68663	18.554	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	24983	19.112	ug/l	97
67) Ethyl Benzene	10.189	91	129451	18.792	ug/l	98
68) m/p-Xylenes	10.299	106	95022	38.472	ug/l	96
69) o-Xylene	10.640	106	45402	19.012	ug/l	94
70) Styrene	10.653	104	67644	19.376	ug/l	97
71) Bromoform	10.799	173	18435	18.973	ug/l #	99
73) Isopropylbenzene	10.957	105	124699	19.262	ug/l	100
74) N-amyl acetate	10.842	43	60815	18.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	48078	19.963	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	41292m	19.021	ug/l	
77) Bromobenzene	11.195	156	27861	19.461	ug/l	94
78) n-propylbenzene	11.305	91	151935	19.048	ug/l	97
79) 2-Chlorotoluene	11.360	91	89960	18.645	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	106577	19.325	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	12213	15.870	ug/l	100
82) 4-Chlorotoluene	11.451	91	105251	18.573	ug/l	99
83) tert-Butylbenzene	11.713	119	101615	19.360	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	106602	18.849	ug/l	99
85) sec-Butylbenzene	11.890	105	130213	19.496	ug/l	97
86) p-Isopropyltoluene	12.006	119	106649	19.027	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	53320	18.958	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	54278	18.535	ug/l	97
89) n-Butylbenzene	12.329	91	108349	19.664	ug/l	95
90) Hexachloroethane	12.536	117	17716	17.497	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	52601	19.547	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11465	18.074	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	34625	19.650	ug/l	97
94) Hexachlorobutadiene	13.725	225	13951	21.009	ug/l	98
95) Naphthalene	13.774	128	122803	20.011	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	33096	19.456	ug/l	98

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

