

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012624\
 Data File : VX039974.D
 Acq On : 26 Jan 2024 11:44
 Operator : JC/MD
 Sample : VX0126WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 00:38:09 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	63368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	111900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49425	46.561	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.120%		
35) Dibromofluoromethane	5.379	113	38508	51.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.180%		
50) Toluene-d8	8.647	98	136796	48.123	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.240%		
62) 4-Bromofluorobenzene	11.079	95	53775	48.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15949	19.453	ug/l	100
3) Chloromethane	1.294	50	14469	15.453	ug/l	97
4) Vinyl Chloride	1.374	62	13511	15.290	ug/l	93
5) Bromomethane	1.605	94	8757	17.368	ug/l	98
6) Chloroethane	1.685	64	8768	17.454	ug/l	93
7) Trichlorofluoromethane	1.886	101	20487	16.072	ug/l	99
8) Diethyl Ether	2.130	74	8091	17.176	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	16186	20.482	ug/l	99
10) Methyl Iodide	2.453	142	17555	21.057	ug/l	94
11) Tert butyl alcohol	2.953	59	28053	101.524	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	15231	19.970	ug/l	95
13) Acrolein	2.233	56	16989	90.201	ug/l	100
14) Allyl chloride	2.660	41	27518	18.332	ug/l	97
15) Acrylonitrile	3.062	53	62046	108.704	ug/l	99
16) Acetone	2.373	43	58067	97.267	ug/l	96
17) Carbon Disulfide	2.508	76	41291	18.836	ug/l	97
18) Methyl Acetate	2.703	43	30557	24.466	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	56707	20.943	ug/l	99
20) Methylene Chloride	2.788	84	18791	20.810	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	16832	20.972	ug/l	93
22) Diisopropyl ether	3.757	45	58154	20.301	ug/l	91
23) Vinyl Acetate	3.721	43	265175	99.584	ug/l	100
24) 1,1-Dichloroethane	3.605	63	31173	19.781	ug/l	100
25) 2-Butanone	4.556	43	89650	104.499	ug/l	96
26) 2,2-Dichloropropane	4.477	77	22901	18.106	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	20082	21.815	ug/l	94
28) Bromochloromethane	4.891	49	15348	21.485	ug/l	98
29) Tetrahydrofuran	5.001	42	59366	107.511	ug/l	99
30) Chloroform	5.092	83	33143	21.304	ug/l	94
31) Cyclohexane	5.470	56	28318	20.214	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	27250	20.460	ug/l	98
36) 1,1-Dichloropropene	5.690	75	24412	20.809	ug/l	99
37) Ethyl Acetate	4.714	43	32830	20.977	ug/l	98
38) Carbon Tetrachloride	5.672	117	22348	20.799	ug/l	96
39) Methylcyclohexane	7.379	83	29971	21.275	ug/l	97
40) Benzene	6.037	78	71346	21.477	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	16614	21.708	ug/l	92
42) 1,2-Dichloroethane	6.086	62	27738	21.963	ug/l	97
43) Isopropyl Acetate	6.342	43	48000	20.907	ug/l	98
44) Trichloroethene	7.129	130	18034	22.151	ug/l	98
45) 1,2-Dichloropropane	7.427	63	19183	21.526	ug/l	98
46) Dibromomethane	7.580	93	13708	22.271	ug/l	98
47) Bromodichloromethane	7.824	83	24792	21.748	ug/l	100
48) Methyl methacrylate	7.690	41	24099	21.355	ug/l	94
49) 1,4-Dioxane	7.659	88	10114	463.172	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	175424	110.942	ug/l	99
52) Toluene	8.720	92	44733	22.545	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	25687	21.235	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	28513	21.437	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	18945	22.426	ug/l	92
56) Ethyl methacrylate	9.116	69	29574	21.630	ug/l	96
57) 1,3-Dichloropropane	9.305	76	31749	22.177	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.238	63	62896	97.322	ug/l	98
59) 2-Hexanone	9.427	43	141598	113.148	ug/l	99
60) Dibromochloromethane	9.518	129	18071	22.683	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20627	23.579	ug/l	99
64) Tetrachloroethene	9.275	164	14906	22.052	ug/l	95
65) Chlorobenzene	10.079	112	47639	22.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	15863	21.519	ug/l	98
67) Ethyl Benzene	10.195	91	86527	21.528	ug/l	100
68) m/p-Xylenes	10.299	106	65633	44.401	ug/l	97
69) o-Xylene	10.640	106	31818	21.735	ug/l	99
70) Styrene	10.659	104	53454	22.354	ug/l	98
71) Bromoform	10.799	173	12164	21.975	ug/l #	99
73) Isopropylbenzene	10.963	105	85407	20.571	ug/l	100
74) N-amyl acetate	10.841	43	41038	18.962	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	32281	20.361	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	26691m	19.742	ug/l	
77) Bromobenzene	11.195	156	19842	21.464	ug/l	99
78) n-propylbenzene	11.305	91	103472	20.591	ug/l	100
79) 2-Chlorotoluene	11.360	91	60649	19.528	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	72622	20.595	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7433	18.162	ug/l	97
82) 4-Chlorotoluene	11.451	91	71127	20.190	ug/l	98
83) tert-Butylbenzene	11.713	119	68680	20.401	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	73231	20.816	ug/l	99
85) sec-Butylbenzene	11.890	105	90946	20.811	ug/l	98
86) p-Isopropyltoluene	12.006	119	73257	20.974	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	37845	21.357	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	38252	20.901	ug/l	98
89) n-Butylbenzene	12.329	91	69380	20.567	ug/l	97
90) Hexachloroethane	12.536	117	10772	18.282	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	37561	21.441	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7558	19.455	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	22841	21.335	ug/l	98
94) Hexachlorobutadiene	13.725	225	7475	16.796	ug/l	93
95) Naphthalene	13.774	128	85392	21.667	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22514	20.837	ug/l	98

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

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