

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039751.D
 Acq On : 15 Jan 2024 13:37
 Operator : JC/MD
 Sample : VX0115WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 01:38:43 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	108351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	189699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79511	43.807	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.620%		
35) Dibromofluoromethane	5.385	113	60359	47.240	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.480%		
50) Toluene-d8	8.647	98	226611	47.025	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.060%		
62) 4-Bromofluorobenzene	11.079	95	86919	46.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24333	17.357	ug/l	98
3) Chloromethane	1.294	50	25521	15.941	ug/l	98
4) Vinyl Chloride	1.374	62	24802	16.415	ug/l	98
5) Bromomethane	1.611	94	16273	18.876	ug/l	100
6) Chloroethane	1.691	64	15032	17.501	ug/l	100
7) Trichlorofluoromethane	1.892	101	37692	17.293	ug/l	99
8) Diethyl Ether	2.129	74	13422	16.664	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	23327	17.263	ug/l	99
10) Methyl Iodide	2.453	142	25576	17.941	ug/l	93
11) Tert butyl alcohol	2.946	59	33391	70.673	ug/l #	91
12) 1,1-Dichloroethene	2.325	96	22487	17.243	ug/l	93
13) Acrolein	2.233	56	25373	76.729	ug/l	99
14) Allyl chloride	2.666	41	41650	16.227	ug/l	97
15) Acrylonitrile	3.056	53	80300	82.278	ug/l	99
16) Acetone	2.373	43	81109	79.459	ug/l #	89
17) Carbon Disulfide	2.514	76	58154	15.515	ug/l	98
18) Methyl Acetate	2.696	43	35410	16.581	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	78778	17.016	ug/l	96
20) Methylene Chloride	2.788	84	26301	17.034	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	23390	17.044	ug/l	96
22) Diisopropyl ether	3.757	45	84230	17.196	ug/l	100
23) Vinyl Acetate	3.721	43	390281	85.718	ug/l	99
24) 1,1-Dichloroethane	3.611	63	45479	16.877	ug/l	100
25) 2-Butanone	4.544	43	118677	80.903	ug/l	96
26) 2,2-Dichloropropane	4.477	77	37239	17.219	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	27191	17.275	ug/l	99
28) Bromochloromethane	4.897	49	19722	16.146	ug/l	96
29) Tetrahydrofuran	4.995	42	75282	79.734	ug/l	100
30) Chloroform	5.086	83	47853	17.989	ug/l	97
31) Cyclohexane	5.470	56	41488	17.320	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	39657	17.414	ug/l	99
36) 1,1-Dichloropropene	5.696	75	34957	17.577	ug/l	99
37) Ethyl Acetate	4.714	43	43249	16.301	ug/l	99
38) Carbon Tetrachloride	5.678	117	31483	17.284	ug/l	98
39) Methylcyclohexane	7.379	83	41704	17.463	ug/l	94
40) Benzene	6.037	78	101287	17.986	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	22222	17.127	ug/l	94
42) 1,2-Dichloroethane	6.086	62	38514	17.989	ug/l	100
43) Isopropyl Acetate	6.336	43	67947	17.458	ug/l	99
44) Trichloroethene	7.122	130	25638	18.576	ug/l	97
45) 1,2-Dichloropropane	7.427	63	27158	17.977	ug/l	96
46) Dibromomethane	7.580	93	18598	17.824	ug/l	97
47) Bromodichloromethane	7.824	83	34725	17.969	ug/l	98
48) Methyl methacrylate	7.689	41	33029	17.264	ug/l	97
49) 1,4-Dioxane	7.653	88	10392	280.727	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	230093	85.838	ug/l	98
52) Toluene	8.714	92	61616	18.318	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	36956	18.022	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	40310	17.877	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	26173	18.276	ug/l	96
56) Ethyl methacrylate	9.116	69	40507	17.476	ug/l	95
57) 1,3-Dichloropropane	9.305	76	43610	17.969	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	90196	82.327	ug/l	96
59) 2-Hexanone	9.427	43	181409	85.509	ug/l	100
60) Dibromochloromethane	9.518	129	24709	18.295	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27427	18.494	ug/l	99
64) Tetrachloroethene	9.275	164	20319	18.000	ug/l	97
65) Chlorobenzene	10.079	112	64894	17.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	22984	18.670	ug/l	98
67) Ethyl Benzene	10.195	91	122766	18.290	ug/l	98
68) m/p-Xylenes	10.299	106	89825	36.389	ug/l	96
69) o-Xylene	10.640	106	43907	17.961	ug/l	94
70) Styrene	10.652	104	72428	18.137	ug/l	99
71) Bromoform	10.799	173	16608	17.967	ug/l #	100
73) Isopropylbenzene	10.957	105	119109	18.015	ug/l	99
74) N-amyl acetate	10.841	43	58773	17.054	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	43657	17.292	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36054m	16.746	ug/l	
77) Bromobenzene	11.195	156	26603	18.071	ug/l	98
78) n-propylbenzene	11.305	91	140740	17.587	ug/l	99
79) 2-Chlorotoluene	11.360	91	84745	17.134	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	100581	17.912	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	11012	17.016	ug/l	98
82) 4-Chlorotoluene	11.451	91	97257	17.336	ug/l	100
83) tert-Butylbenzene	11.713	119	95987	17.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	99027	17.676	ug/l	96
85) sec-Butylbenzene	11.890	105	126349	18.156	ug/l	99
86) p-Isopropyltoluene	12.006	119	100990	18.157	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	50876	18.029	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	50650	17.379	ug/l	97
89) n-Butylbenzene	12.329	91	94656	17.620	ug/l	97
90) Hexachloroethane	12.536	117	15738	16.772	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	49674	17.806	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9507	15.367	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	30706	18.011	ug/l	95
94) Hexachlorobutadiene	13.725	225	12973	18.305	ug/l	98
95) Naphthalene	13.774	128	108408	17.273	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	29656	17.235	ug/l	97

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

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