

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039752.D
 Acq On : 15 Jan 2024 14:03
 Operator : JC/MD
 Sample : VX0115WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 16 01:39:49 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	5.544	168	102568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	164682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76449	44.495	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.980%		
35) Dibromofluoromethane	5.385	113	57980	48.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	8.647	98	214783	47.229	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.460%		
62) 4-Bromofluorobenzene	11.079	95	83270	46.824	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	22660	17.075	ug/l	98
3) Chloromethane	1.295	50	24046	15.866	ug/l	93
4) Vinyl Chloride	1.374	62	23770	16.619	ug/l	95
5) Bromomethane	1.605	94	15230	18.662	ug/l	96
6) Chloroethane	1.691	64	13873	17.062	ug/l	100
7) Trichlorofluoromethane	1.892	101	35920	17.409	ug/l	99
8) Diethyl Ether	2.130	74	13574	17.802	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	23268	18.190	ug/l	98
10) Methyl Iodide	2.453	142	25264	18.722	ug/l	92
11) Tert butyl alcohol	2.947	59	32052	71.664	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	21292	17.248	ug/l	92
13) Acrolein	2.233	56	25282	81.619	ug/l	99
14) Allyl chloride	2.660	41	39934	16.436	ug/l	98
15) Acrylonitrile	3.056	53	75936	82.194	ug/l	98
16) Acetone	2.374	43	76326	78.989	ug/l	93
17) Carbon Disulfide	2.514	76	56565	15.942	ug/l	98
18) Methyl Acetate	2.697	43	34329	16.981	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	77246	17.625	ug/l	98
20) Methylene Chloride	2.788	84	25316	17.321	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22348	17.203	ug/l	96
22) Diisopropyl ether	3.758	45	82543	17.802	ug/l	97
23) Vinyl Acetate	3.715	43	382928	88.845	ug/l	99
24) 1,1-Dichloroethane	3.611	63	44024	17.259	ug/l	100
25) 2-Butanone	4.544	43	111052	79.973	ug/l	100
26) 2,2-Dichloropropane	4.477	77	35326	17.255	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	26891	18.048	ug/l	99
28) Bromochloromethane	4.898	49	19485	16.852	ug/l	94
29) Tetrahydrofuran	4.995	42	70375	78.739	ug/l	99
30) Chloroform	5.087	83	46081	18.300	ug/l	99
31) Cyclohexane	5.465	56	39930	17.609	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	38518	17.867	ug/l	100
36) 1,1-Dichloropropene	5.684	75	33835	18.028	ug/l	100
37) Ethyl Acetate	4.709	43	40298	16.094	ug/l	98
38) Carbon Tetrachloride	5.672	117	30540	17.766	ug/l	93
39) Methylcyclohexane	7.379	83	41663	18.486	ug/l	98
40) Benzene	6.038	78	97445	18.336	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	21766	17.777	ug/l	95
42) 1,2-Dichloroethane	6.080	62	37145	18.384	ug/l	99
43) Isopropyl Acetate	6.330	43	66434	18.087	ug/l	99
44) Trichloroethene	7.123	130	24378	18.717	ug/l	94
45) 1,2-Dichloropropane	7.428	63	26328	18.467	ug/l	99
46) Dibromomethane	7.580	93	18073	18.354	ug/l	99
47) Bromodichloromethane	7.818	83	33468	18.351	ug/l	91
48) Methyl methacrylate	7.690	41	31487	17.440	ug/l	95
49) 1,4-Dioxane	7.653	88	10174	291.233	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	219498	86.770	ug/l	99
52) Toluene	8.714	92	59921	18.877	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	35832	18.516	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	40330	18.953	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	25269	18.697	ug/l #	87
56) Ethyl methacrylate	9.116	69	40601	18.562	ug/l	98
57) 1,3-Dichloropropane	9.305	76	42902	18.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	89357	86.426	ug/l	95
59) 2-Hexanone	9.427	43	173643	86.731	ug/l	98
60) Dibromochloromethane	9.519	129	24665	19.352	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26929	19.241	ug/l	99
64) Tetrachloroethene	9.269	164	20674	19.305	ug/l	93
65) Chlorobenzene	10.080	112	63806	18.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	22100	18.923	ug/l	96
67) Ethyl Benzene	10.189	91	117643	18.474	ug/l	96
68) m/p-Xylenes	10.299	106	87805	37.493	ug/l	96
69) o-Xylene	10.640	106	43711	18.847	ug/l	97
70) Styrene	10.653	104	71100	18.767	ug/l	99
71) Bromoform	10.799	173	16321	18.611	ug/l #	100
73) Isopropylbenzene	10.957	105	114058	18.142	ug/l	99
74) N-amyl acetate	10.842	43	56898	17.362	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	42490	17.699	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35402m	17.292	ug/l	
77) Bromobenzene	11.195	156	25780	18.416	ug/l	95
78) n-propylbenzene	11.305	91	139371	18.315	ug/l	98
79) 2-Chlorotoluene	11.360	91	81189	17.263	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	99891	18.707	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	10733	17.399	ug/l	96
82) 4-Chlorotoluene	11.451	91	96103	18.015	ug/l	100
83) tert-Butylbenzene	11.713	119	94374	18.512	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	98518	18.493	ug/l	100
85) sec-Butylbenzene	11.890	105	124997	18.889	ug/l	100
86) p-Isopropyltoluene	12.006	119	98887	18.697	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	49787	18.554	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	50809	18.333	ug/l	99
89) n-Butylbenzene	12.329	91	94558	18.511	ug/l	96
90) Hexachloroethane	12.536	117	15669	17.561	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	49746	18.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9544	16.223	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	30446	18.780	ug/l	98
94) Hexachlorobutadiene	13.725	225	13375	19.847	ug/l	98
95) Naphthalene	13.774	128	107656	18.039	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	30719	18.775	ug/l	97

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

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