

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040531.D
 Acq On : 29 Feb 2024 12:56
 Operator : JC/MD
 Sample : VX0229WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0229WBS02

Quant Time: Mar 01 06:45:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	86598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70780	48.868	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.740%		
35) Dibromofluoromethane	5.379	113	48530	47.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	8.647	98	155387	42.319	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.640%#		
62) 4-Bromofluorobenzene	11.079	95	68630	49.033	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	18347	17.024	ug/l	96
3) Chloromethane	1.295	50	17491	16.363	ug/l	99
4) Vinyl Chloride	1.374	62	19933	17.244	ug/l	95
5) Bromomethane	1.605	94	13709	21.341	ug/l	98
6) Chloroethane	1.685	64	12359	16.895	ug/l	92
7) Trichlorofluoromethane	1.886	101	29529	16.174	ug/l	96
8) Diethyl Ether	2.130	74	10266	16.087	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	16720	17.014	ug/l	98
10) Methyl Iodide	2.453	142	18654	20.508	ug/l	99
11) Tert butyl alcohol	2.953	59	24054	98.791	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	15912	16.128	ug/l	97
13) Acrolein	2.233	56	16717	107.089	ug/l	99
14) Allyl chloride	2.660	41	29307	16.979	ug/l	92
15) Acrylonitrile	3.056	53	52689	86.268	ug/l	98
16) Acetone	2.374	43	53506	113.277	ug/l	100
17) Carbon Disulfide	2.508	76	39902	14.604	ug/l	99
18) Methyl Acetate	2.697	43	27211	18.686	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	59971	17.820	ug/l	93
20) Methylene Chloride	2.788	84	19466	17.221	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	17419	16.555	ug/l	94
22) Diisopropyl ether	3.758	45	59355	17.112	ug/l	97
23) Vinyl Acetate	3.715	43	278330	87.596	ug/l	100
24) 1,1-Dichloroethane	3.605	63	34616	17.113	ug/l	99
25) 2-Butanone	4.544	43	78723	95.657	ug/l	100
26) 2,2-Dichloropropane	4.471	77	26941	16.728	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	20393	16.567	ug/l	99
28) Bromochloromethane	4.898	49	16115	19.046	ug/l	100
29) Tetrahydrofuran	4.995	42	49365	85.984	ug/l	98
30) Chloroform	5.093	83	37623	17.523	ug/l	99
31) Cyclohexane	5.465	56	26677	16.257	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	32312	17.633	ug/l	97
36) 1,1-Dichloropropene	5.690	75	26586	17.059	ug/l	99
37) Ethyl Acetate	4.709	43	30180	17.694	ug/l	99
38) Carbon Tetrachloride	5.672	117	25750	17.103	ug/l	97
39) Methylcyclohexane	7.379	83	28059	16.676	ug/l	93
40) Benzene	6.038	78	70798	16.779	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	16527	17.347	ug/l	95
42) 1,2-Dichloroethane	6.086	62	33325	19.082	ug/l	98
43) Isopropyl Acetate	6.336	43	48637	18.173	ug/l	98
44) Trichloroethene	7.123	130	19690	17.351	ug/l	96
45) 1,2-Dichloropropane	7.428	63	19688	17.434	ug/l	98
46) Dibromomethane	7.580	93	14939	17.994	ug/l	98
47) Bromodichloromethane	7.818	83	29801	18.231	ug/l	97
48) Methyl methacrylate	7.690	41	24506	18.320	ug/l	94
49) 1,4-Dioxane	7.653	88	9860	389.651	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	149998	84.769	ug/l	96
52) Toluene	8.714	92	42928	16.577	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	26901	16.216	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	29107	16.323	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	18689	17.391	ug/l	96
56) Ethyl methacrylate	9.116	69	27580	16.599	ug/l	93
57) 1,3-Dichloropropane	9.305	76	31298	16.721	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	73252	84.081	ug/l	98
59) 2-Hexanone	9.427	43	116636	85.733	ug/l	97
60) Dibromochloromethane	9.519	129	18926	16.214	ug/l	100
61) 1,2-Dibromoethane	9.610	107	19631	16.740	ug/l	99
64) Tetrachloroethene	9.275	164	15911	17.780	ug/l	98
65) Chlorobenzene	10.080	112	46352	17.096	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	17494	18.309	ug/l	99
67) Ethyl Benzene	10.195	91	88384	17.808	ug/l	97
68) m/p-Xylenes	10.299	106	67306	36.316	ug/l	90
69) o-Xylene	10.640	106	32925	18.575	ug/l	93
70) Styrene	10.653	104	55730	18.860	ug/l	97
71) Bromoform	10.799	173	15002	19.180	ug/l #	100
73) Isopropylbenzene	10.964	105	89579	17.242	ug/l	100
74) N-amyl acetate	10.842	43	41390	17.153	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	32560	17.329	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28175m	18.147	ug/l	
77) Bromobenzene	11.195	156	21347	17.377	ug/l	100
78) n-propylbenzene	11.305	91	111426	17.290	ug/l	97
79) 2-Chlorotoluene	11.360	91	66397	17.115	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	78766	17.826	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	8280	18.029	ug/l	96
82) 4-Chlorotoluene	11.451	91	78331	17.461	ug/l	100
83) tert-Butylbenzene	11.713	119	70943	17.030	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	77238	17.618	ug/l	99
85) sec-Butylbenzene	11.890	105	96262	17.590	ug/l	98
86) p-Isopropyltoluene	12.006	119	80349	17.812	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40802	16.663	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	42236	16.944	ug/l	98
89) n-Butylbenzene	12.329	91	76125	17.153	ug/l	96
90) Hexachloroethane	12.536	117	13121	17.477	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	40779	17.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8313	18.978	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	25500	16.745	ug/l	94
94) Hexachlorobutadiene	13.725	225	10219	16.419	ug/l	99
95) Naphthalene	13.774	128	81900	16.829	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24900	17.201	ug/l	99

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

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