

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039690.D
 Acq On : 09 Jan 2024 19:31
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2024
 Supervised By : Mahesh Dadoda 01/10/2024

Quant Time: Jan 10 07:26:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 10 07:08:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35081	19.380	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.760%#		
35) Dibromofluoromethane	5.391	113	25815	19.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.660%#		
50) Toluene-d8	8.647	98	96246	19.514	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.020%#		
62) 4-Bromofluorobenzene	11.079	95	35078	18.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.980%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28922	19.863	ug/l	98
3) Chloromethane	1.294	50	31787	19.564	ug/l	99
4) Vinyl Chloride	1.374	62	28898	18.758	ug/l	97
5) Bromomethane	1.599	94	15149	20.525	ug/l	95
6) Chloroethane	1.666	64	16787	22.730	ug/l	96
7) Trichlorofluoromethane	1.874	101	42529	18.779	ug/l	94
8) Diethyl Ether	2.136	74	15862	19.305	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	26481	19.683	ug/l	98
10) Methyl Iodide	2.447	142	26863	17.722	ug/l	92
11) Tert butyl alcohol	2.995	59	45216	94.895	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	25207	18.908	ug/l	95
13) Acrolein	2.239	56	30161	93.250	ug/l	100
14) Allyl chloride	2.660	41	49474	19.007	ug/l	97
15) Acrylonitrile	3.062	53	95567	97.847	ug/l	98
16) Acetone	2.380	43	90344	92.483	ug/l	95
17) Carbon Disulfide	2.508	76	67719	17.609	ug/l	98
18) Methyl Acetate	2.703	43	41822	19.450	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	90154	19.235	ug/l	95
20) Methylene Chloride	2.788	84	30122	18.568	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	25941	18.679	ug/l	99
22) Diisopropyl ether	3.757	45	95960	19.399	ug/l	94
23) Vinyl Acetate	3.721	43	450715	98.340	ug/l	99
24) 1,1-Dichloroethane	3.611	63	53149	19.447	ug/l	99
25) 2-Butanone	4.556	43	139058	97.377	ug/l	100
26) 2,2-Dichloropropane	4.471	77	39490	18.317	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	29985	18.775	ug/l	99
28) Bromochloromethane	4.891	49	24927	19.914	ug/l	94
29) Tetrahydrofuran	5.001	42	90686	97.387	ug/l	100
30) Chloroform	5.086	83	51271	19.211	ug/l	98
31) Cyclohexane	5.464	56	47203	19.170	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	43145	19.008	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37243	18.289	ug/l	99
37) Ethyl Acetate	4.715	43	50932	19.158	ug/l	99
38) Carbon Tetrachloride	5.672	117	35495	18.511	ug/l	95
39) Methylcyclohexane	7.379	83	46017	18.740	ug/l	97
40) Benzene	6.037	78	112779	19.183	ug/l	100

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41) Methacrylonitrile	4.922	41	25697	19.113	ug/l	94
42) 1,2-Dichloroethane	6.086	62	42943	18.882	ug/l	100
43) Isopropyl Acetate	6.342	43	78422	19.276	ug/l	99
44) Trichloroethene	7.123	130	26641	18.861	ug/l	99
45) 1,2-Dichloropropane	7.427	63	30940	19.296	ug/l	93
46) Dibromomethane	7.580	93	20444	19.230	ug/l	96
47) Bromodichloromethane	7.818	83	37442	19.105	ug/l	98
48) Methyl methacrylate	7.696	41	37236	19.345	ug/l	95
49) 1,4-Dioxane	7.665	88	15668	400.142	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	269812	99.633	ug/l	98
52) Toluene	8.720	92	68330	19.277	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	39289	18.400	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	44618	19.251	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	27924	18.854	ug/l	91
56) Ethyl methacrylate	9.116	69	47372	19.848	ug/l	98
57) 1,3-Dichloropropane	9.305	76	49479	19.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	97893	87.031	ug/l	96
59) 2-Hexanone	9.433	43	216162	100.095	ug/l	99
60) Dibromochloromethane	9.519	129	25075	18.673	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28970	18.939	ug/l	99
64) Tetrachloroethene	9.275	164	21414	19.517	ug/l	98
65) Chlorobenzene	10.079	112	68881	19.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	24159	19.126	ug/l	97
67) Ethyl Benzene	10.195	91	131076	19.607	ug/l	98
68) m/p-Xylenes	10.299	106	95817	38.893	ug/l	95
69) o-Xylene	10.640	106	47583	19.464	ug/l	93
70) Styrene	10.659	104	76052	19.488	ug/l	97
71) Bromoform	10.799	173	17181	18.862	ug/l #	98
73) Isopropylbenzene	10.963	105	126360	19.667	ug/l	100
74) N-amyl acetate	10.841	43	68037	19.880	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	47906	19.246	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40184m	19.211	ug/l	
77) Bromobenzene	11.195	156	27301	18.913	ug/l	94
78) n-propylbenzene	11.305	91	147662	19.462	ug/l	98
79) 2-Chlorotoluene	11.366	91	89733	18.881	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	108896	19.846	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	11638	17.074	ug/l	94
82) 4-Chlorotoluene	11.457	91	101810	18.905	ug/l	99
83) tert-Butylbenzene	11.713	119	102856	19.450	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	108471	19.832	ug/l	99
85) sec-Butylbenzene	11.890	105	129634	19.665	ug/l	98
86) p-Isopropyltoluene	12.006	119	102866	19.618	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51708	18.971	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	51699	19.024	ug/l	98
89) n-Butylbenzene	12.335	91	89452	18.526	ug/l	96
90) Hexachloroethane	12.536	117	16966	18.561	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	52019	19.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10750	18.627	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	27500	17.747	ug/l	100
94) Hexachlorobutadiene	13.725	225	11634	18.071	ug/l	97
95) Naphthalene	13.774	128	113719	18.406	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29570	18.664	ug/l	98

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

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