

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037059.D
 Acq On : 17 Aug 2023 14:22
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 18 06:04:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	171306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	293080	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13108	5.308	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.620%#		
35) Dibromofluoromethane	5.385	113	10094	5.200	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.400%#		
50) Toluene-d8	8.646	98	37202	5.284	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.560%#		
62) 4-Bromofluorobenzene	11.079	95	14157	5.117	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8400	4.221	ug/l	99
3) Chloromethane	1.300	50	7711	4.429	ug/l	96
4) Vinyl Chloride	1.373	62	8612	4.545	ug/l	95
5) Bromomethane	1.599	94	4581	4.853	ug/l	95
6) Chloroethane	1.672	64	5089	4.564	ug/l	99
7) Trichlorofluoromethane	1.879	101	15767	5.079	ug/l	98
8) Diethyl Ether	2.135	74	5720	4.763	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.324	101	8959	4.947	ug/l	98
10) Methyl Iodide	2.446	142	8882	4.036	ug/l	92
11) Tert butyl alcohol	2.971	59	13795	23.812	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	8779	4.978	ug/l	86
13) Acrolein	2.239	56	12126	27.514	ug/l	100
14) Allyl chloride	2.660	41	12905	4.728	ug/l #	92
15) Acrylonitrile	3.068	53	24614	23.804	ug/l	99
16) Acetone	2.385	43	24156	25.002	ug/l	93
17) Carbon Disulfide	2.507	76	20606	4.594	ug/l	96
18) Methyl Acetate	2.708	43	17302	4.756	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	32181	4.812	ug/l	93
20) Methylene Chloride	2.788	84	10270	4.753	ug/l	86
21) trans-1,2-Dichloroethene	3.086	96	9817	4.897	ug/l	85
22) Diisopropyl ether	3.763	45	27377	4.888	ug/l #	95
23) Vinyl Acetate	3.727	43	101732	23.702	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	17099	4.868	ug/l	99
25) 2-Butanone	4.562	43	35766	24.586	ug/l	90
26) 2,2-Dichloropropane	4.476	77	15556	4.959	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	11447	4.844	ug/l	92
28) Bromochloromethane	4.897	49	7824	4.987	ug/l #	76
29) Tetrahydrofuran	5.013	42	22788	24.563	ug/l #	86
30) Chloroform	5.098	83	18737	4.752	ug/l	96
31) Cyclohexane	5.464	56	14166	5.101	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	16960	4.800	ug/l	96
36) 1,1-Dichloropropene	5.696	75	13778	4.996	ug/l	98
37) Ethyl Acetate	4.720	43	13433	4.769	ug/l #	94
38) Carbon Tetrachloride	5.677	117	14050	4.690	ug/l	97
39) Methylcyclohexane	7.378	83	14782	5.102	ug/l	92
40) Benzene	6.043	78	39128	4.947	ug/l	99

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41) Methacrylonitrile	4.921	41	6819	4.657	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	15455	4.983	ug/l	97
43) Isopropyl Acetate	6.348	43	21862	4.888	ug/l #	94
44) Trichloroethene	7.128	130	10881	4.852	ug/l	98
45) 1,2-Dichloropropane	7.427	63	9570	4.907	ug/l	96
46) Dibromomethane	7.586	93	7613	4.956	ug/l	96
47) Bromodichloromethane	7.823	83	13662	4.643	ug/l	96
48) Methyl methacrylate	7.695	41	10553	4.839	ug/l #	89
49) 1,4-Dioxane	7.671	88	5695	96.955	ug/l #	82
51) 4-Methyl-2-Pentanone	8.573	43	67202	24.746	ug/l	93
52) Toluene	8.720	92	25949	4.966	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	14011	4.472	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	15341	4.531	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	10163	4.776	ug/l	92
56) Ethyl methacrylate	9.116	69	15513	4.654	ug/l	90
57) 1,3-Dichloropropane	9.311	76	17441	4.862	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	40597	25.382	ug/l	93
59) 2-Hexanone	9.433	43	50567	24.421	ug/l	91
60) Dibromochloromethane	9.524	129	9876	4.359	ug/l	99
61) 1,2-Dibromoethane	9.610	107	10876	4.668	ug/l	99
64) Tetrachloroethene	9.274	164	9713	5.118	ug/l	93
65) Chlorobenzene	10.079	112	27349	4.974	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	9637	4.749	ug/l	99
67) Ethyl Benzene	10.195	91	49003	5.065	ug/l	96
68) m/p-Xylenes	10.305	106	37075	9.924	ug/l	99
69) o-Xylene	10.640	106	18148	4.924	ug/l	97
70) Styrene	10.658	104	28607	4.712	ug/l	98
71) Bromoform	10.798	173	6554	4.318	ug/l #	98
73) Isopropylbenzene	10.963	105	47226	5.166	ug/l	99
74) N-amyl acetate	10.841	43	17006	4.788	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	15017	4.878	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	14239m	5.316	ug/l	
77) Bromobenzene	11.195	156	10893	4.879	ug/l	95
78) n-propylbenzene	11.304	91	52010	5.109	ug/l	100
79) 2-Chlorotoluene	11.365	91	32804	5.043	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	39467	5.175	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3697	3.855	ug/l	97
82) 4-Chlorotoluene	11.457	91	38074	5.070	ug/l	100
83) tert-Butylbenzene	11.713	119	36178	4.975	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	39339	5.104	ug/l	99
85) sec-Butylbenzene	11.890	105	43812	5.158	ug/l	99
86) p-Isopropyltoluene	12.006	119	36746	5.025	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	20802	4.977	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	21267	5.008	ug/l	96
89) n-Butylbenzene	12.329	91	29973	4.944	ug/l	99
90) Hexachloroethane	12.536	117	5418	4.439	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	20525	5.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	3185	4.452	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	11397	4.759	ug/l	98
94) Hexachlorobutadiene	13.725	225	4855	5.247	ug/l	96
95) Naphthalene	13.774	128	56912	5.425	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	11795	4.957	ug/l	99

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

Manual Integrations

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