

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028316.D
 Acq On : 25 Apr 2022 10:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 26 08:08:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

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 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	367661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	562924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	529283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	294436	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	206662	43.110	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.220%
35) Dibromofluoromethane	5.385	113	190885	48.353	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.700%
50) Toluene-d8	8.646	98	688589	45.414	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.820%
62) 4-Bromofluorobenzene	11.079	95	264621	45.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	169073	71.238	ug/l	100
3) Chloromethane	1.294	50	143886	60.650	ug/l	99
4) Vinyl Chloride	1.373	62	174421	47.059	ug/l	98
5) Bromomethane	1.599	94	174671	53.460	ug/l	99
6) Chloroethane	1.678	64	121441	45.465	ug/l	99
7) Trichlorofluoromethane	1.886	101	325679	39.847	ug/l	97
8) Diethyl Ether	2.129	74	120654	49.076	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.324	101	177423	59.592	ug/l	97
10) Methyl Iodide	2.453	142	232572	56.373	ug/l	98
11) Tert butyl alcohol	2.965	59	218408	237.401	ug/l	99
12) 1,1-Dichloroethene	2.318	96	159904	56.592	ug/l	90
13) Acrolein	2.233	56	187366	318.913	ug/l	98
14) Allyl chloride	2.660	41	225479	47.557	ug/l	94
15) Acrylonitrile	3.062	53	470350	240.762	ug/l	99
16) Acetone	2.373	43	385784	263.553	ug/l	95
17) Carbon Disulfide	2.507	76	366919	48.221	ug/l	100
18) Methyl Acetate	2.702	43	208457	48.907	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	590023	50.076	ug/l	100
20) Methylene Chloride	2.788	84	185518	52.156	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	183706	47.807	ug/l	90
22) Diisopropyl ether	3.757	45	505179	46.781	ug/l #	88
23) Vinyl Acetate	3.721	43	2237479	237.165	ug/l	99
24) 1,1-Dichloroethane	3.611	63	305091	47.848	ug/l	98
25) 2-Butanone	4.550	43	635358	223.788	ug/l	97
26) 2,2-Dichloropropane	4.470	77	282878	45.438	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	219859	47.984	ug/l	91
28) Bromochloromethane	4.897	49	110155	40.267	ug/l	84
29) Tetrahydrofuran	5.001	42	404047	218.261	ug/l	99
30) Chloroform	5.092	83	348566	45.520	ug/l	100
31) Cyclohexane	5.470	56	257572	44.101	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	317668	45.813	ug/l	98
36) 1,1-Dichloropropene	5.690	75	246055	47.783	ug/l	97
37) Ethyl Acetate	4.708	43	247669	47.400	ug/l	100
38) Carbon Tetrachloride	5.678	117	288883	49.695	ug/l	99
39) Methylcyclohexane	7.378	83	307141	47.272	ug/l	95
40) Benzene	6.037	78	730505	48.463	ug/l	100

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41) Methacrylonitrile	4.915	41	133579	49.551	ug/l	97
42) 1,2-Dichloroethane	6.086	62	263703	47.128	ug/l	99
43) Isopropyl Acetate	6.336	43	406445	47.795	ug/l	98
44) Trichloroethene	7.122	130	226124	51.731	ug/l	96
45) 1,2-Dichloropropane	7.427	63	176691	47.889	ug/l	98
46) Dibromomethane	7.580	93	143574	49.606	ug/l	97
47) Bromodichloromethane	7.823	83	271653	48.834	ug/l	99
48) Methyl methacrylate	7.689	41	187009	47.899	ug/l	93
49) 1,4-Dioxane	7.659	88	97691	935.329	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	1292067	236.771	ug/l	98
52) Toluene	8.720	92	499234	47.672	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	298856	50.551	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	316589	49.868	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	211327	49.667	ug/l	98
56) Ethyl methacrylate	9.116	69	313072	50.759	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	333338	48.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	736432	254.479	ug/l	92
59) 2-Hexanone	9.433	43	1011667	239.328	ug/l	96
60) Dibromochloromethane	9.524	129	239205	51.569	ug/l	96
61) 1,2-Dibromoethane	9.610	107	232224	49.749	ug/l	99
64) Tetrachloroethene	9.274	164	226711	54.838	ug/l	97
65) Chlorobenzene	10.079	112	565378	50.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	221414	52.671	ug/l	99
67) Ethyl Benzene	10.195	91	966633	51.084	ug/l	95
68) m/p-Xylenes	10.305	106	793699	103.060	ug/l	94
69) o-Xylene	10.640	106	388324	50.574	ug/l	95
70) Styrene	10.658	104	655235	52.674	ug/l	99
71) Bromoform	10.799	173	186186	48.140	ug/l #	99
73) Isopropylbenzene	10.963	105	1011772	49.995	ug/l	99
74) N-amyl acetate	10.841	43	367379	52.521	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	328318	49.994	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	304270m	52.508	ug/l	
77) Bromobenzene	11.201	156	268877	51.014	ug/l	89
78) n-propylbenzene	11.305	91	1152419	51.354	ug/l	96
79) 2-Chlorotoluene	11.366	91	689081	49.390	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	869157	50.595	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	101737	52.175	ug/l	95
82) 4-Chlorotoluene	11.457	91	798422	49.681	ug/l	94
83) tert-Butylbenzene	11.713	119	882446	50.305	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	872694	51.105	ug/l	97
85) sec-Butylbenzene	11.890	105	1082179	51.135	ug/l	97
86) p-Isopropyltoluene	12.012	119	951368	52.108	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	513305	51.831	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	527515	50.730	ug/l	98
89) n-Butylbenzene	12.335	91	788893	52.622	ug/l	97
90) Hexachloroethane	12.542	117	158799	48.399	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	512141	52.056	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	72587	49.700	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	332066	56.749	ug/l	99
94) Hexachlorobutadiene	13.725	225	141521	54.200	ug/l	93
95) Naphthalene	13.780	128	1092377	56.041	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	328486	57.191	ug/l	96

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

