

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030788.D
 Acq On : 25 Aug 2022 22:41
 Operator : JC/MD
 Sample : VX0825WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBS02

Quant Time: Aug 26 02:42:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	232135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	397862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135725	49.707	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.420%		
35) Dibromofluoromethane	5.397	113	117557	48.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	8.653	98	402055	47.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.380%		
62) 4-Bromofluorobenzene	11.085	95	151242	47.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41871	19.464	ug/l	100
3) Chloromethane	1.288	50	36316	20.099	ug/l	99
4) Vinyl Chloride	1.374	62	43850	20.530	ug/l	99
5) Bromomethane	1.605	94	21843	20.195	ug/l	95
6) Chloroethane	1.685	64	26920	21.332	ug/l	97
7) Trichlorofluoromethane	1.886	101	67928	19.116	ug/l	94
8) Diethyl Ether	2.136	74	27374	20.360	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	42703	18.890	ug/l	97
10) Methyl Iodide	2.453	142	28878	18.082	ug/l	93
11) Tert butyl alcohol	2.977	59	75227	126.913	ug/l	99
12) 1,1-Dichloroethene	2.319	96	41035	19.501	ug/l	98
13) Acrolein	2.239	56	47978	97.828	ug/l	100
14) Allyl chloride	2.666	41	71743	18.426	ug/l	97
15) Acrylonitrile	3.069	53	156766	107.873	ug/l	98
16) Acetone	2.386	43	134895	106.907	ug/l	95
17) Carbon Disulfide	2.508	76	79868	18.873	ug/l	99
18) Methyl Acetate	2.709	43	84687	21.837	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	148900	20.435	ug/l	93
20) Methylene Chloride	2.788	84	62437	26.610	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	42015	18.588	ug/l	95
22) Diisopropyl ether	3.770	45	160087	20.470	ug/l	89
23) Vinyl Acetate	3.727	43	629163	100.303	ug/l	99
24) 1,1-Dichloroethane	3.611	63	89121	20.105	ug/l	98
25) 2-Butanone	4.568	43	212600	104.596	ug/l	99
26) 2,2-Dichloropropane	4.477	77	40543	12.626	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	55052	19.714	ug/l	99
28) Bromochloromethane	4.904	49	39418	20.667	ug/l	96
29) Tetrahydrofuran	5.013	42	138618	104.492	ug/l	99
30) Chloroform	5.099	83	91888	19.695	ug/l	97
31) Cyclohexane	5.477	56	66473	19.038	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	76138	20.184	ug/l	99
36) 1,1-Dichloropropene	5.696	75	60218	18.085	ug/l	97
37) Ethyl Acetate	4.727	43	76465	19.389	ug/l	99
38) Carbon Tetrachloride	5.684	117	64685	18.417	ug/l	89
39) Methylcyclohexane	7.379	83	69432	17.423	ug/l	95
40) Benzene	6.044	78	193305	19.404	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44335	20.118	ug/l	98
42) 1,2-Dichloroethane	6.092	62	70340	19.900	ug/l	98
43) Isopropyl Acetate	6.348	43	117478	19.776	ug/l	100
44) Trichloroethene	7.129	130	54573	18.962	ug/l	99
45) 1,2-Dichloropropane	7.434	63	53242	19.319	ug/l	100
46) Dibromomethane	7.586	93	37933	19.376	ug/l	97
47) Bromodichloromethane	7.824	83	73013	19.805	ug/l	97
48) Methyl methacrylate	7.696	41	61442	20.749	ug/l	97
49) 1,4-Dioxane	7.671	88	33348	456.188	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	413668	103.243	ug/l	99
52) Toluene	8.720	92	117959	18.971	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	64260	18.040	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	72483	18.070	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	55461	20.071	ug/l	98
56) Ethyl methacrylate	9.122	69	79918	20.167	ug/l	96
57) 1,3-Dichloropropane	9.311	76	88449	19.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	213424	100.708	ug/l	100
59) 2-Hexanone	9.433	43	321353	106.905	ug/l	100
60) Dibromochloromethane	9.525	129	55145	19.138	ug/l	98
61) 1,2-Dibromoethane	9.610	107	56093	20.018	ug/l	98
64) Tetrachloroethene	9.275	164	52112	18.630	ug/l	98
65) Chlorobenzene	10.079	112	130366	18.979	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	50343	19.531	ug/l	99
67) Ethyl Benzene	10.195	91	224298	18.900	ug/l	100
68) m/p-Xylenes	10.305	106	175639	38.629	ug/l	97
69) o-Xylene	10.646	106	86589	19.245	ug/l	95
70) Styrene	10.659	104	148646	19.908	ug/l	99
71) Bromoform	10.805	173	40013	18.787	ug/l #	98
73) Isopropylbenzene	10.963	105	231774	19.666	ug/l	98
74) N-amyl acetate	10.848	43	93129	20.287	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	83326	20.669	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75075m	19.486	ug/l	
77) Bromobenzene	11.201	156	55682	19.177	ug/l	96
78) n-propylbenzene	11.305	91	264008	19.478	ug/l	99
79) 2-Chlorotoluene	11.366	91	160680	19.353	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	192101	19.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	20569	17.225	ug/l	91
82) 4-Chlorotoluene	11.457	91	185922	19.978	ug/l	99
83) tert-Butylbenzene	11.719	119	200377	21.108	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	206733	21.641	ug/l	97
85) sec-Butylbenzene	11.896	105	256965	20.772	ug/l	98
86) p-Isopropyltoluene	12.012	119	196266	19.293	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	109561	20.002	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	106924	19.021	ug/l	98
89) n-Butylbenzene	12.335	91	171881	18.252	ug/l	99
90) Hexachloroethane	12.542	117	37852	19.191	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	115934	20.106	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21692	20.905	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	72154	20.012	ug/l	98
94) Hexachlorobutadiene	13.731	225	30083	20.033	ug/l	97
95) Naphthalene	13.780	128	264335	21.060	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	75132	19.709	ug/l	97

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

