

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037258.D
 Acq On : 25 Aug 2023 08:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 26 02:15:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023
 Supervised By :Semsettin Yesilyurt 08/28/2023

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 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	121705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114094	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99168	56.519	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.040%	
35) Dibromofluoromethane	5.379	113	81531	54.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.420%	
50) Toluene-d8	8.647	98	285489	52.812	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	11.079	95	118949	55.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.980%	

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	68981	48.793	ug/l	98
3) Chloromethane	1.300	50	73280	59.249	ug/l	96
4) Vinyl Chloride	1.374	62	70259	52.188	ug/l	100
5) Bromomethane	1.599	94	32988	49.192	ug/l	97
6) Chloroethane	1.672	64	42603	53.776	ug/l	98
7) Trichlorofluoromethane	1.880	101	110588	50.146	ug/l	99
8) Diethyl Ether	2.130	74	51574	60.447	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	61829	48.059	ug/l	98
10) Methyl Iodide	2.447	142	85663	54.785	ug/l	95
11) Tert butyl alcohol	2.965	59	113835	276.575	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	62891	50.199	ug/l	86
13) Acrolein	2.233	56	79200	252.944	ug/l	98
14) Allyl chloride	2.660	41	101021	52.095	ug/l #	91
15) Acrylonitrile	3.062	53	222605	303.016	ug/l	98
16) Acetone	2.380	43	187123	272.609	ug/l #	89
17) Carbon Disulfide	2.508	76	131986	41.417	ug/l	99
18) Methyl Acetate	2.703	43	167526	64.820	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	282958	59.551	ug/l	96
20) Methylene Chloride	2.788	84	85723	55.844	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	73160	51.370	ug/l	87
22) Diisopropyl ether	3.757	45	234106	58.832	ug/l #	85
23) Vinyl Acetate	3.715	43	837115	274.524	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	141325	56.636	ug/l	98
25) 2-Butanone	4.550	43	292649	283.153	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	68556	30.763	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	94388	56.218	ug/l	85
28) Bromochloromethane	4.891	49	66873	59.991	ug/l #	72
29) Tetrahydrofuran	5.001	42	184779	280.344	ug/l #	83
30) Chloroform	5.092	83	160780	57.398	ug/l	97
31) Cyclohexane	5.464	56	91749	46.505	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	132128	52.637	ug/l	96
36) 1,1-Dichloropropene	5.690	75	96548	45.600	ug/l	97
37) Ethyl Acetate	4.708	43	110613	51.144	ug/l #	93
38) Carbon Tetrachloride	5.672	117	110675	48.121	ug/l	96
39) Methylcyclohexane	7.379	83	104275	46.876	ug/l	91
40) Benzene	6.037	78	319678	52.645	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.916	41	62280	55.393	ug/l	#	88
42) 1,2-Dichloroethane	6.080	62	129211	54.261	ug/l		96
43) Isopropyl Acetate	6.336	43	183345	53.396	ug/l	#	91
44) Trichloroethene	7.123	130	83718	48.621	ug/l		99
45) 1,2-Dichloropropane	7.427	63	83721	55.916	ug/l		100
46) Dibromomethane	7.580	93	66031	55.982	ug/l		95
47) Bromodichloromethane	7.818	83	127548	56.457	ug/l		99
48) Methyl methacrylate	7.690	41	93098	55.596	ug/l	#	87
49) 1,4-Dioxane	7.659	88	55484	1230.285	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.574	43	590262	283.094	ug/l		90
52) Toluene	8.714	92	212320	52.920	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	125385	52.124	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	133357	51.301	ug/l	#	87
55) 1,1,2-Trichloroethane	9.153	97	96653	59.161	ug/l		98
56) Ethyl methacrylate	9.116	69	149451	58.403	ug/l		85
57) 1,3-Dichloropropane	9.305	76	158418	57.522	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	344900	280.855	ug/l		92
59) 2-Hexanone	9.427	43	452203	284.441	ug/l		87
60) Dibromochloromethane	9.519	129	104233	59.924	ug/l		99
61) 1,2-Dibromoethane	9.610	107	102485	57.296	ug/l		100
64) Tetrachloroethene	9.275	164	69846	43.968	ug/l		97
65) Chlorobenzene	10.079	112	238510	51.823	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	93391	54.980	ug/l		100
67) Ethyl Benzene	10.195	91	405567	50.079	ug/l		98
68) m/p-Xylenes	10.299	106	319276	102.089	ug/l		98
69) o-Xylene	10.640	106	164466	53.302	ug/l		98
70) Styrene	10.652	104	279334	54.958	ug/l		97
71) Bromoform	10.799	173	76615	60.298	ug/l	#	99
73) Isopropylbenzene	10.963	105	406267	48.989	ug/l		98
74) N-amyl acetate	10.841	43	162221	50.343	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	153962	55.127	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	126906m	52.228	ug/l		
77) Bromobenzene	11.195	156	106768	52.716	ug/l		92
78) n-propylbenzene	11.305	91	458537	49.656	ug/l		98
79) 2-Chlorotoluene	11.366	91	300864	50.984	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	357899	51.736	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	38109	43.806	ug/l		89
82) 4-Chlorotoluene	11.451	91	346554	50.875	ug/l		98
83) tert-Butylbenzene	11.713	119	350441	53.118	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	366698	52.450	ug/l		98
85) sec-Butylbenzene	11.890	105	413752	53.692	ug/l		99
86) p-Isopropyltoluene	12.006	119	357502	53.891	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	195448	51.544	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	198307	50.619	ug/l		99
89) n-Butylbenzene	12.329	91	285991	51.999	ug/l		99
90) Hexachloroethane	12.536	117	65270	58.949	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	202388	54.506	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35776	55.130	ug/l		84
93) 1,2,4-Trichlorobenzene	13.585	180	117049	53.875	ug/l		98
94) Hexachlorobutadiene	13.725	225	41961	49.994	ug/l		99
95) Naphthalene	13.774	128	448778	47.156	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	120358	55.760	ug/l		99

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

~~08/28/2023~~
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