

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040424\
 Data File : VX040885.D
 Acq On : 04 Apr 2024 16:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 05 04:11:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	51150	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	84239	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	81109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	43673	47.586	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.180%		
35) Dibromofluoromethane	5.373	113	29802	49.948	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.900%		
50) Toluene-d8	8.641	98	106397	49.348	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.700%		
62) 4-Bromofluorobenzene	11.079	95	43806	50.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	31536	45.486	ug/l	97
3) Chloromethane	1.301	50	30338	50.653	ug/l	99
4) Vinyl Chloride	1.374	62	32400	52.405	ug/l	100
5) Bromomethane	1.599	94	21867	57.491	ug/l	97
6) Chloroethane	1.685	64	20791	52.168	ug/l	99
7) Trichlorofluoromethane	1.886	101	57062	48.215	ug/l	100
8) Diethyl Ether	2.130	74	17873	46.733	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	28776	47.164	ug/l	99
10) Methyl Iodide	2.453	142	32946	44.514	ug/l	99
11) Tert butyl alcohol	2.953	59	35971	214.678	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	26329	46.010	ug/l	99
13) Acrolein	2.233	56	19759	216.029	ug/l	100
14) Allyl chloride	2.660	41	48872	47.675	ug/l	88
15) Acrylonitrile	3.056	53	82317	232.885	ug/l	99
16) Acetone	2.374	43	80973	227.221	ug/l	95
17) Carbon Disulfide	2.514	76	71004	42.892	ug/l	100
18) Methyl Acetate	2.697	43	36556	43.238	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	93423	46.381	ug/l	100
20) Methylene Chloride	2.788	84	28960	43.851	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	27642	45.734	ug/l	95
22) Diisopropyl ether	3.751	45	95082	47.662	ug/l	93
23) Vinyl Acetate	3.715	43	474527	248.176	ug/l	100
24) 1,1-Dichloroethane	3.605	63	52337	45.920	ug/l	98
25) 2-Butanone	4.544	43	122556	231.511	ug/l	99
26) 2,2-Dichloropropane	4.465	77	45583	46.583	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	32349	46.349	ug/l	99
28) Bromochloromethane	4.891	49	24713	48.223	ug/l	99
29) Tetrahydrofuran	4.989	42	78280	227.506	ug/l	99
30) Chloroform	5.087	83	59425	47.902	ug/l	97
31) Cyclohexane	5.465	56	44418	45.608	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	52824	47.918	ug/l	98
36) 1,1-Dichloropropene	5.684	75	40120	47.323	ug/l	97
37) Ethyl Acetate	4.702	43	49934	47.965	ug/l	97
38) Carbon Tetrachloride	5.672	117	46059	49.075	ug/l	96
39) Methylcyclohexane	7.373	83	45245	44.665	ug/l	99
40) Benzene	6.032	78	111167	47.244	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	27937	52.254	ug/l	97
42) 1,2-Dichloroethane	6.074	62	49617	48.549	ug/l	97
43) Isopropyl Acetate	6.330	43	78030	48.534	ug/l	97
44) Trichloroethene	7.117	130	27974	47.600	ug/l	100
45) 1,2-Dichloropropane	7.428	63	28353	50.475	ug/l	97
46) Dibromomethane	7.574	93	23059	50.084	ug/l	100
47) Bromodichloromethane	7.818	83	47578	49.668	ug/l	96
48) Methyl methacrylate	7.684	41	39541	50.224	ug/l	96
49) 1,4-Dioxane	7.647	88	14458	962.352	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	260183	243.978	ug/l	96
52) Toluene	8.714	92	70428	47.435	ug/l	93
53) t-1,3-Dichloropropene	8.970	75	46827	47.501	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	47341	49.841	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	28357	48.940	ug/l	92
56) Ethyl methacrylate	9.110	69	49482	49.733	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	48791	48.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	122450	253.867	ug/l	97
59) 2-Hexanone	9.427	43	206410	241.338	ug/l	95
60) Dibromochloromethane	9.519	129	34836	50.362	ug/l	100
61) 1,2-Dibromoethane	9.604	107	30464	48.732	ug/l	100
64) Tetrachloroethene	9.269	164	23775	44.295	ug/l	93
65) Chlorobenzene	10.073	112	80684	45.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	28206	47.905	ug/l	98
67) Ethyl Benzene	10.189	91	146314	46.252	ug/l	98
68) m/p-Xylenes	10.299	106	106105	92.185	ug/l	90
69) o-Xylene	10.640	106	51734	47.710	ug/l	91
70) Styrene	10.653	104	89756	47.767	ug/l	97
71) Bromoform	10.799	173	24496	47.132	ug/l #	99
73) Isopropylbenzene	10.957	105	140694	47.035	ug/l	99
74) N-amyl acetate	10.842	43	74071	48.888	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	48027	46.956	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	42228m	46.237	ug/l	
77) Bromobenzene	11.195	156	32980	47.000	ug/l	98
78) n-propylbenzene	11.305	91	174457	46.666	ug/l	98
79) 2-Chlorotoluene	11.360	91	103117	46.220	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	122740	48.043	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	15647	46.224	ug/l	95
82) 4-Chlorotoluene	11.451	91	125215	47.009	ug/l	99
83) tert-Butylbenzene	11.713	119	118916	46.919	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	123382	47.940	ug/l	99
85) sec-Butylbenzene	11.890	105	150521	46.761	ug/l	99
86) p-Isopropyltoluene	12.006	119	128412	47.563	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	65882	46.449	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	66400	44.120	ug/l	100
89) n-Butylbenzene	12.329	91	127702	47.878	ug/l	95
90) Hexachloroethane	12.536	117	23024	48.954	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	63255	45.506	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12830	48.817	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	43269	44.902	ug/l	98
94) Hexachlorobutadiene	13.725	225	16158	43.771	ug/l	99
95) Naphthalene	13.774	128	147509	47.540	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41779	45.445	ug/l	97

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

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