

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082124\
 Data File : VX043074.D
 Acq On : 21 Aug 2024 09:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

08/23/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Aug 22 03:25:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	169969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	307333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	132669	59.402	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.800%	
35) Dibromofluoromethane	5.379	113	102295	53.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.600%	
50) Toluene-d8	8.647	98	379631	51.726	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	11.079	95	148288	55.721	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90354	52.579	ug/l	97
3) Chloromethane	1.301	50	126548	49.748	ug/l	97
4) Vinyl Chloride	1.374	62	104667	40.965	ug/l	99
5) Bromomethane	1.599	94	33182	42.860	ug/l	100
6) Chloroethane	1.672	64	43707	54.277	ug/l	98
7) Trichlorofluoromethane	1.880	101	126726	47.437	ug/l	98
8) Diethyl Ether	2.136	74	48564	39.296	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	98287	51.446	ug/l	98
10) Methyl Iodide	2.447	142	119139	54.805	ug/l	89
11) Tert butyl alcohol	2.971	59	160778	279.013	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	97688	47.650	ug/l	96
13) Acrolein	2.233	56	142189	244.081	ug/l	98
14) Allyl chloride	2.660	41	215974	56.208	ug/l	92
15) Acrylonitrile	3.062	53	365317	255.959	ug/l	99
16) Acetone	2.380	43	352921	318.599	ug/l	93
17) Carbon Disulfide	2.508	76	277966	47.279	ug/l	99
18) Methyl Acetate	2.703	43	203515	55.596	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	361734	52.354	ug/l	97
20) Methylene Chloride	2.788	84	116869	45.623	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	101320	47.388	ug/l	98
22) Diisopropyl ether	3.757	45	390627	49.784	ug/l	99
23) Vinyl Acetate	3.721	43	2305229	252.012	ug/l	99
24) 1,1-Dichloroethane	3.605	63	210813	53.271	ug/l	99
25) 2-Butanone	4.556	43	540321	278.248	ug/l	99
26) 2,2-Dichloropropane	4.471	77	175322	55.612	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	128291	49.711	ug/l	98
28) Bromochloromethane	4.898	49	88538	49.455	ug/l	95
29) Tetrahydrofuran	5.001	42	335601	249.350	ug/l	100
30) Chloroform	5.087	83	197677	52.000	ug/l	97
31) Cyclohexane	5.464	56	187091	50.267	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	169282	53.342	ug/l	99
36) 1,1-Dichloropropene	5.684	75	139108	52.666	ug/l	99
37) Ethyl Acetate	4.715	43	197937	53.197	ug/l	99
38) Carbon Tetrachloride	5.672	117	140135	52.468	ug/l	100
39) Methylcyclohexane	7.379	83	192593	52.666	ug/l	99
40) Benzene	6.031	78	449419	49.943	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	109471	55.824	ug/l	97
42) 1,2-Dichloroethane	6.080	62	154070	58.862	ug/l	97
43) Isopropyl Acetate	6.336	43	325202	54.170	ug/l	99
44) Trichloroethene	7.123	130	102991	50.542	ug/l	97
45) 1,2-Dichloropropane	7.428	63	117985	53.278	ug/l	99
46) Dibromomethane	7.580	93	79358	52.411	ug/l	99
47) Bromodichloromethane	7.818	83	162225	55.181	ug/l	97
48) Methyl methacrylate	7.690	41	157030	54.826	ug/l	95
49) 1,4-Dioxane	7.659	88	58841	1003.776	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	991319	259.829	ug/l	100
52) Toluene	8.714	92	270924	49.841	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	171787	53.508	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	188212	53.302	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	107823	50.501	ug/l	93
56) Ethyl methacrylate	9.116	69	204081	52.786	ug/l	99
57) 1,3-Dichloropropane	9.305	76	191056	52.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	455039	250.812	ug/l	97
59) 2-Hexanone	9.427	43	766309	261.374	ug/l	99
60) Dibromochloromethane	9.519	129	120521	53.534	ug/l	100
61) 1,2-Dibromoethane	9.610	107	112474	52.238	ug/l	99
64) Tetrachloroethene	9.269	164	87810	51.484	ug/l	98
65) Chlorobenzene	10.079	112	290679	50.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	100014	52.057	ug/l	98
67) Ethyl Benzene	10.195	91	523186	52.805	ug/l	100
68) m/p-Xylenes	10.299	106	385773	101.253	ug/l	100
69) o-Xylene	10.640	106	192911	50.401	ug/l	100
70) Styrene	10.653	104	326832	50.930	ug/l	98
71) Bromoform	10.799	173	84389	52.889	ug/l #	99
73) Isopropylbenzene	10.964	105	491981	53.752	ug/l	99
74) N-amyl acetate	10.842	43	276279	52.995	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	169266	48.043	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	149441m	54.344	ug/l	
77) Bromobenzene	11.195	156	111668	50.784	ug/l	94
78) n-propylbenzene	11.305	91	583364	55.926	ug/l	99
79) 2-Chlorotoluene	11.360	91	354797	54.651	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	402488	53.380	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64686	51.308	ug/l	87
82) 4-Chlorotoluene	11.451	91	396620	54.825	ug/l	99
83) tert-Butylbenzene	11.713	119	405821	52.004	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	407304	53.544	ug/l	97
85) sec-Butylbenzene	11.890	105	517769	54.658	ug/l	100
86) p-Isopropyltoluene	12.006	119	420358	54.315	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	205687	52.023	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	202680	50.102	ug/l	99
89) n-Butylbenzene	12.329	91	380719	56.826	ug/l	100
90) Hexachloroethane	12.536	117	85266	54.853	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	201943	50.658	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40529	58.803	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	123417	55.004	ug/l	97
94) Hexachlorobutadiene	13.725	225	48929	58.437	ug/l	99
95) Naphthalene	13.774	128	453843	51.215	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	123208	53.687	ug/l	98

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

