

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043559.D
 Acq On : 28 Oct 2024 12:08
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 28 13:31:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	148919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	270771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116854	49.466	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.940%		
35) Dibromofluoromethane	5.379	113	91079	50.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	8.647	98	318252	50.907	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.820%		
62) 4-Bromofluorobenzene	11.079	95	120225	52.651	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75417	45.433	ug/l	96
3) Chloromethane	1.294	50	96896	45.755	ug/l	99
4) Vinyl Chloride	1.374	62	94488	48.982	ug/l	99
5) Bromomethane	1.593	94	38969	51.722	ug/l	98
6) Chloroethane	1.666	64	33540	53.137	ug/l	99
7) Trichlorofluoromethane	1.867	101	116013	45.825	ug/l	98
8) Diethyl Ether	2.136	74	52937	47.871	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	78193	48.932	ug/l	99
10) Methyl Iodide	2.440	142	116521	52.655	ug/l	99
11) Tert butyl alcohol	3.014	59	116081m	230.069	ug/l	
12) 1,1-Dichloroethene	2.306	96	79758	50.765	ug/l	93
13) Acrolein	2.239	56	80960	203.631	ug/l	98
14) Allyl chloride	2.654	41	141976	50.925	ug/l	98
15) Acrylonitrile	3.068	53	259325	232.022	ug/l	100
16) Acetone	2.392	43	232587	230.659	ug/l	100
17) Carbon Disulfide	2.501	76	168807	51.908	ug/l	100
18) Methyl Acetate	2.709	43	137905	45.505	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	309762	50.673	ug/l	98
20) Methylene Chloride	2.782	84	98700	50.086	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	83735	49.229	ug/l	98
22) Diisopropyl ether	3.763	45	290506	50.487	ug/l	97
23) Vinyl Acetate	3.721	43	1256555	264.336	ug/l	99
24) 1,1-Dichloroethane	3.605	63	165218	50.903	ug/l	98
25) 2-Butanone	4.568	43	359526	234.753	ug/l	100
26) 2,2-Dichloropropane	4.465	77	132434	56.613	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	110158	51.979	ug/l	99
28) Bromochloromethane	4.897	49	75534	47.042	ug/l	98
29) Tetrahydrofuran	5.013	42	230616	230.617	ug/l	100
30) Chloroform	5.086	83	173217	49.905	ug/l	97
31) Cyclohexane	5.464	56	124896	48.500	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	146876	50.355	ug/l	98
36) 1,1-Dichloropropene	5.690	75	105059	49.233	ug/l	98
37) Ethyl Acetate	4.714	43	136901	47.008	ug/l	99
38) Carbon Tetrachloride	5.672	117	120318	49.620	ug/l	98
39) Methylcyclohexane	7.379	83	138062	50.451	ug/l	95
40) Benzene	6.031	78	366906	51.436	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	73294	50.034	ug/l	96
42) 1,2-Dichloroethane	6.086	62	133953	51.050	ug/l	99
43) Isopropyl Acetate	6.342	43	226323	49.127	ug/l	99
44) Trichloroethene	7.123	130	91422	54.057	ug/l	91
45) 1,2-Dichloropropane	7.427	63	91389	52.464	ug/l	99
46) Dibromomethane	7.580	93	70386	52.600	ug/l	98
47) Bromodichloromethane	7.818	83	129022	54.350	ug/l	95
48) Methyl methacrylate	7.696	41	108981	50.670	ug/l	99
49) 1,4-Dioxane	7.671	88	44516	805.596	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	710786	243.501	ug/l	99
52) Toluene	8.714	92	227004	51.617	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	137951	57.422	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	147056	55.739	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	96225	51.848	ug/l	99
56) Ethyl methacrylate	9.116	69	159817	53.285	ug/l	98
57) 1,3-Dichloropropane	9.305	76	159890	52.178	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	362792	245.903	ug/l	98
59) 2-Hexanone	9.433	43	541763	245.453	ug/l	99
60) Dibromochloromethane	9.518	129	99435	57.260	ug/l	99
61) 1,2-Dibromoethane	9.610	107	99405	53.133	ug/l	98
64) Tetrachloroethene	9.275	164	73551	49.296	ug/l	94
65) Chlorobenzene	10.079	112	256218	51.676	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	88746	52.993	ug/l	99
67) Ethyl Benzene	10.195	91	423515	51.347	ug/l	98
68) m/p-Xylenes	10.299	106	329261	105.366	ug/l	98
69) o-Xylene	10.640	106	164266	51.137	ug/l	99
70) Styrene	10.652	104	281883	54.218	ug/l	99
71) Bromoform	10.799	173	65582	58.090	ug/l #	99
73) Isopropylbenzene	10.963	105	408411	49.811	ug/l	100
74) N-amyl acetate	10.841	43	203333	49.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	148153	47.168	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	122864m	46.074	ug/l	
77) Bromobenzene	11.195	156	106088	50.684	ug/l	100
78) n-propylbenzene	11.305	91	457180	52.320	ug/l	99
79) 2-Chlorotoluene	11.366	91	288711	49.242	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	348498	51.192	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	47974	54.897	ug/l	95
82) 4-Chlorotoluene	11.451	91	331765	51.131	ug/l	97
83) tert-Butylbenzene	11.713	119	348856	50.250	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	355522	51.061	ug/l	100
85) sec-Butylbenzene	11.890	105	417787	51.960	ug/l	100
86) p-Isopropyltoluene	12.006	119	358049	53.750	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	188818	50.274	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	189658	50.095	ug/l	100
89) n-Butylbenzene	12.329	91	299842	55.523	ug/l	100
90) Hexachloroethane	12.536	117	59554	55.265	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	198010	51.130	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32185	48.159	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	123940	54.653	ug/l	99
94) Hexachlorobutadiene	13.725	225	42766	53.286	ug/l	97
95) Naphthalene	13.774	128	473262	50.857	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	126296	53.229	ug/l	99

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

