

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043483.D
 Acq On : 23 Oct 2024 10:09
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 24 04:29:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:25:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116492	88.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 176.060%#			
35) Dibromofluoromethane	5.385	113	92540	93.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 187.080%#			
50) Toluene-d8	8.647	98	329015	94.747	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 189.500%#			
62) 4-Bromofluorobenzene	11.079	95	122085	92.055	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 184.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	80601	92.461	ug/l	100
3) Chloromethane	1.294	50	100516	87.646	ug/l	97
4) Vinyl Chloride	1.380	62	93526	92.001	ug/l	99
5) Bromomethane	1.599	94	39740	89.025	ug/l	94
6) Chloroethane	1.666	64	33171	85.587	ug/l	96
7) Trichlorofluoromethane	1.861	101	131687	92.933	ug/l	97
8) Diethyl Ether	2.142	74	53688	89.504	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	79068	93.779	ug/l	99
10) Methyl Iodide	2.447	142	108928	99.695	ug/l	99
11) Tert butyl alcohol	3.020	59	89469	474.612	ug/l	99
12) 1,1-Dichloroethene	2.306	96	81309	96.723	ug/l	99
13) Acrolein	2.245	56	84439	439.973	ug/l	99
14) Allyl chloride	2.660	41	150157	92.322	ug/l	99
15) Acrylonitrile	3.074	53	216407	474.658	ug/l	98
16) Acetone	2.398	43	209643	425.376	ug/l	100
17) Carbon Disulfide	2.501	76	178174	99.082	ug/l	97
18) Methyl Acetate	2.715	43	117143	85.771	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	289087	93.211	ug/l	99
20) Methylene Chloride	2.788	84	96854	88.192	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	90739	92.994	ug/l	96
22) Diisopropyl ether	3.769	45	309632	94.008	ug/l	95
23) Vinyl Acetate	3.727	43	1162565	500.786	ug/l	100
24) 1,1-Dichloroethane	3.605	63	180196	93.572	ug/l	98
25) 2-Butanone	4.574	43	307382	502.875	ug/l	97
26) 2,2-Dichloropropane	4.477	77	149864	93.209	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	114390	93.063	ug/l	99
28) Bromochloromethane	4.903	49	80479	96.748	ug/l	98
29) Tetrahydrofuran	5.019	42	194463	458.669	ug/l	100
30) Chloroform	5.092	83	193755	91.691	ug/l	99
31) Cyclohexane	5.470	56	128682	94.939	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	161499	95.850	ug/l	100
36) 1,1-Dichloropropene	5.690	75	115255	98.377	ug/l	99
37) Ethyl Acetate	4.727	43	119482	91.048	ug/l	100
38) Carbon Tetrachloride	5.678	117	129075	100.789	ug/l	95
39) Methylcyclohexane	7.379	83	137414	98.290	ug/l	97
40) Benzene	6.037	78	387785	96.069	ug/l	99

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41) Methacrylonitrile	4.934	41	64971	112.735	ug/l	99
42) 1,2-Dichloroethane	6.086	62	139856	96.966	ug/l	98
43) Isopropyl Acetate	6.348	43	202099	98.039	ug/l	99
44) Trichloroethene	7.123	130	94944	95.414	ug/l	97
45) 1,2-Dichloropropane	7.427	63	93922	101.121	ug/l	96
46) Dibromomethane	7.580	93	65842	99.166	ug/l	99
47) Bromodichloromethane	7.824	83	134624	100.591	ug/l	99
48) Methyl methacrylate	7.696	41	96797	108.666	ug/l	98
49) 1,4-Dioxane	7.671	88	34698	2040.261	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	611153	495.133	ug/l	99
52) Toluene	8.720	92	236129	97.361	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	134267	106.743	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	148948	105.404	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	85462	98.339	ug/l	98
56) Ethyl methacrylate	9.122	69	133878	104.196	ug/l	99
57) 1,3-Dichloropropane	9.311	76	146203	96.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	296627	519.790	ug/l	99
59) 2-Hexanone	9.433	43	458372	520.246	ug/l	100
60) Dibromochloromethane	9.518	129	92136	108.117	ug/l	97
61) 1,2-Dibromoethane	9.610	107	87415	99.580	ug/l	96
64) Tetrachloroethene	9.275	164	81408	92.657	ug/l	93
65) Chlorobenzene	10.079	112	264931	94.784	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	90669	102.676	ug/l	98
67) Ethyl Benzene	10.195	91	448720	99.587	ug/l	100
68) m/p-Xylenes	10.299	106	342929	199.232	ug/l	97
69) o-Xylene	10.640	106	170472	98.062	ug/l	99
70) Styrene	10.658	104	292350	104.197	ug/l	99
71) Bromoform	10.799	173	54219	107.531	ug/l #	98
73) Isopropylbenzene	10.963	105	417637	97.753	ug/l	100
74) N-amyl acetate	10.841	43	170435	106.391	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	119679	90.716	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	113862m	94.047	ug/l	
77) Bromobenzene	11.195	156	106097	96.860	ug/l	98
78) n-propylbenzene	11.305	91	477898	98.577	ug/l	100
79) 2-Chlorotoluene	11.366	91	307294	92.310	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	365343	97.578	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35007	108.549	ug/l	95
82) 4-Chlorotoluene	11.457	91	362083	93.897	ug/l	98
83) tert-Butylbenzene	11.713	119	345006	97.256	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	372034	96.986	ug/l	100
85) sec-Butylbenzene	11.890	105	418955	98.848	ug/l	99
86) p-Isopropyltoluene	12.006	119	363638	101.811	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	196114	95.037	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	199180	91.468	ug/l	98
89) n-Butylbenzene	12.329	91	309481	104.318	ug/l	99
90) Hexachloroethane	12.536	117	59791	105.226	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	192598	93.362	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25716	108.478	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	114790	98.213	ug/l	99
94) Hexachlorobutadiene	13.725	225	43090	97.336	ug/l	98
95) Naphthalene	13.774	128	337771	92.925	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	109717	94.714	ug/l	98

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

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