

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044022.D
 Acq On : 26 Nov 2024 17:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 00:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129622	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	232929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101649	45.721	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.440%		
35) Dibromofluoromethane	5.385	113	76704	46.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.180%		
50) Toluene-d8	8.647	98	252602	44.028	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.060%		
62) 4-Bromofluorobenzene	11.079	95	90209	46.200	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68775	41.882	ug/l	96
3) Chloromethane	1.294	50	76126	44.054	ug/l	99
4) Vinyl Chloride	1.374	62	80988	44.064	ug/l	95
5) Bromomethane	1.593	94	52561	46.486	ug/l	99
6) Chloroethane	1.666	64	55628	49.670	ug/l	95
7) Trichlorofluoromethane	1.867	101	158089	48.109	ug/l	100
8) Diethyl Ether	2.136	74	55276	46.152	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	68171	43.492	ug/l	99
10) Methyl Iodide	2.441	142	87750	44.825	ug/l	98
11) Tert butyl alcohol	2.995	59	78482	219.930	ug/l	100
12) 1,1-Dichloroethene	2.306	96	64654	43.287	ug/l	97
13) Acrolein	2.233	56	107494	285.786	ug/l	98
14) Allyl chloride	2.654	41	111244	45.581	ug/l	99
15) Acrylonitrile	3.068	53	203086	233.535	ug/l	99
16) Acetone	2.386	43	204874	200.637	ug/l	99
17) Carbon Disulfide	2.502	76	111407	36.160	ug/l	100
18) Methyl Acetate	2.703	43	110130	46.313	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	250264	46.146	ug/l	100
20) Methylene Chloride	2.782	84	75327	43.471	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	68292	44.286	ug/l	95
22) Diisopropyl ether	3.763	45	242444	46.457	ug/l	96
23) Vinyl Acetate	3.721	43	1045717	234.240	ug/l	99
24) 1,1-Dichloroethane	3.605	63	138967	46.159	ug/l	99
25) 2-Butanone	4.568	43	303762	230.549	ug/l	97
26) 2,2-Dichloropropane	4.471	77	117669	43.277	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	85466	44.837	ug/l	98
28) Bromochloromethane	4.891	49	55252	41.693	ug/l	96
29) Tetrahydrofuran	5.007	42	185959	230.219	ug/l	99
30) Chloroform	5.086	83	149860	46.281	ug/l	96
31) Cyclohexane	5.464	56	102682	41.440	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	127750	45.750	ug/l	98
36) 1,1-Dichloropropene	5.690	75	93123	44.899	ug/l	98
37) Ethyl Acetate	4.715	43	118849	46.163	ug/l	99
38) Carbon Tetrachloride	5.672	117	102840	44.128	ug/l	100
39) Methylcyclohexane	7.373	83	109854	40.771	ug/l	98
40) Benzene	6.031	78	289884	44.870	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	63345	48.072	ug/l	97
42) 1,2-Dichloroethane	6.086	62	119738	46.148	ug/l	100
43) Isopropyl Acetate	6.342	43	188292	45.956	ug/l	100
44) Trichloroethene	7.123	130	70853	38.741	ug/l	93
45) 1,2-Dichloropropane	7.427	63	73361	46.363	ug/l	98
46) Dibromomethane	7.580	93	57678	46.080	ug/l	98
47) Bromodichloromethane	7.818	83	104474	46.539	ug/l	100
48) Methyl methacrylate	7.696	41	90452	46.007	ug/l	99
49) 1,4-Dioxane	7.665	88	34956m	998.146	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	606325	242.496	ug/l	98
52) Toluene	8.714	92	177758	45.970	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	105266	45.983	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	114622	45.674	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	74228	46.503	ug/l	97
56) Ethyl methacrylate	9.116	69	116819	46.987	ug/l	100
57) 1,3-Dichloropropane	9.305	76	125806	46.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	279354	204.586	ug/l	99
59) 2-Hexanone	9.433	43	449056	238.945	ug/l	100
60) Dibromochloromethane	9.519	129	74665	46.621	ug/l	98
61) 1,2-Dibromoethane	9.610	107	76038	47.112	ug/l	99
64) Tetrachloroethene	9.269	164	58837	44.283	ug/l	97
65) Chlorobenzene	10.079	112	195068	44.078	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	67421	46.975	ug/l	98
67) Ethyl Benzene	10.189	91	342810	45.714	ug/l	99
68) m/p-Xylenes	10.299	106	256139	91.591	ug/l	100
69) o-Xylene	10.640	106	126387	46.288	ug/l	97
70) Styrene	10.653	104	213625	47.303	ug/l	99
71) Bromoform	10.799	173	44621	41.511	ug/l #	100
73) Isopropylbenzene	10.963	105	329562	45.287	ug/l	100
74) N-amyl acetate	10.841	43	157167	46.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	115162	46.217	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	95452m	45.977	ug/l	
77) Bromobenzene	11.195	156	78615	45.286	ug/l	98
78) n-propylbenzene	11.305	91	373275	45.927	ug/l	99
79) 2-Chlorotoluene	11.360	91	228979	44.554	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	270335	45.154	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	31547	41.465	ug/l	92
82) 4-Chlorotoluene	11.451	91	263259	45.372	ug/l	100
83) tert-Butylbenzene	11.713	119	271471	45.748	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	275565	46.231	ug/l	100
85) sec-Butylbenzene	11.890	105	329107	45.265	ug/l	100
86) p-Isopropyltoluene	12.006	119	276004	46.734	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	141063	44.616	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	142203	44.115	ug/l	98
89) n-Butylbenzene	12.329	91	238553	45.814	ug/l	100
90) Hexachloroethane	12.536	117	43270	43.087	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	143432	44.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21456	42.974	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	81063	43.093	ug/l	100
94) Hexachlorobutadiene	13.725	225	32492	43.704	ug/l	98
95) Naphthalene	13.774	128	305240	45.077	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	85549	44.931	ug/l	96

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

