

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043748.D
 Acq On : 07 Nov 2024 19:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 08 04:15:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/08/2024
 Supervised By :Semsettin Yesilyurt 11/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59767	42.996	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.000%		
35) Dibromofluoromethane	5.385	113	54847	49.082	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	8.647	98	193676	50.069	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.140%		
62) 4-Bromofluorobenzene	11.079	95	73815	51.497	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32117	34.449	ug/l	94
3) Chloromethane	1.288	50	45562	38.230	ug/l	98
4) Vinyl Chloride	1.374	62	44139	39.906	ug/l	99
5) Bromomethane	1.599	94	20819	46.171	ug/l	96
6) Chloroethane	1.666	64	16787	43.079	ug/l	99
7) Trichlorofluoromethane	1.861	101	52640	38.957	ug/l	98
8) Diethyl Ether	2.136	74	28349	45.409	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	39723	43.469	ug/l	95
10) Methyl Iodide	2.441	142	56548	42.831	ug/l	95
11) Tert butyl alcohol	3.020	59	38237	147.373	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	40893	43.790	ug/l	88
13) Acrolein	2.239	56	35888	176.872	ug/l	96
14) Allyl chloride	2.654	41	64280	39.797	ug/l	95
15) Acrylonitrile	3.069	53	121536	207.473	ug/l	99
16) Acetone	2.392	43	95190	172.444	ug/l	95
17) Carbon Disulfide	2.495	76	60309	30.885	ug/l	99
18) Methyl Acetate	2.709	43	62487	38.732	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	158541	44.642	ug/l	97
20) Methylene Chloride	2.788	84	54490	45.802	ug/l	88
21) trans-1,2-Dichloroethene	3.081	96	44123	44.723	ug/l	96
22) Diisopropyl ether	3.764	45	158134	47.366	ug/l	97
23) Vinyl Acetate	3.721	43	578194	209.629	ug/l	97
24) 1,1-Dichloroethane	3.605	63	89515	46.650	ug/l	98
25) 2-Butanone	4.568	43	153529	190.668	ug/l	94
26) 2,2-Dichloropropane	4.465	77	60888	38.765	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	63171	50.125	ug/l	91
28) Bromochloromethane	4.891	49	43150	47.271	ug/l	89
29) Tetrahydrofuran	5.013	42	98949	189.093	ug/l	92
30) Chloroform	5.093	83	97196	48.320	ug/l	100
31) Cyclohexane	5.464	56	58932	40.153	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	74788	44.286	ug/l	97
36) 1,1-Dichloropropene	5.684	75	53646	40.486	ug/l	96
37) Ethyl Acetate	4.721	43	64488	40.088	ug/l	99
38) Carbon Tetrachloride	5.672	117	59360	40.545	ug/l	91
39) Methylcyclohexane	7.379	83	66492	40.418	ug/l	95
40) Benzene	6.031	78	205289	46.441	ug/l	99

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41) Methacrylonitrile	4.928	41	32580	38.584	ug/l	93
42) 1,2-Dichloroethane	6.086	62	65818	41.417	ug/l	95
43) Isopropyl Acetate	6.348	43	104574	39.308	ug/l	97
44) Trichloroethene	7.123	130	51979	47.333	ug/l	91
45) 1,2-Dichloropropane	7.428	63	51249	47.085	ug/l	93
46) Dibromomethane	7.580	93	35552	42.422	ug/l	94
47) Bromodichloromethane	7.824	83	65803	44.758	ug/l	95
48) Methyl methacrylate	7.696	41	48312	38.303	ug/l	92
49) 1,4-Dioxane	7.671	88	15779	608.910	ug/l #	76
51) 4-Methyl-2-Pentanone	8.580	43	329509	203.217	ug/l	97
52) Toluene	8.720	92	130675	48.745	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	66647	42.206	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	78056	46.393	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	52949	47.450	ug/l	96
56) Ethyl methacrylate	9.116	69	76738	42.322	ug/l	91
57) 1,3-Dichloropropane	9.305	76	86063	46.372	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	178023	202.725	ug/l	96
59) 2-Hexanone	9.433	43	243042	197.354	ug/l	95
60) Dibromochloromethane	9.519	129	49138	44.470	ug/l	98
61) 1,2-Dibromoethane	9.610	107	52242	45.100	ug/l	98
64) Tetrachloroethene	9.275	164	42850	44.893	ug/l	94
65) Chlorobenzene	10.079	112	154366	47.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50466	47.321	ug/l	99
67) Ethyl Benzene	10.195	91	240684	45.208	ug/l	98
68) m/p-Xylenes	10.299	106	194091	95.330	ug/l	91
69) o-Xylene	10.640	106	97234	47.532	ug/l	95
70) Styrene	10.659	104	167957	49.399	ug/l	98
71) Bromoform	10.799	173	30012	39.139	ug/l #	96
73) Isopropylbenzene	10.963	105	230504	44.458	ug/l	98
74) N-amyl acetate	10.842	43	94127	37.267	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	75995	40.761	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	67389m	43.061	ug/l	
77) Bromobenzene	11.195	156	63839	47.685	ug/l	95
78) n-propylbenzene	11.305	91	255700	45.232	ug/l	97
79) 2-Chlorotoluene	11.366	91	171697	45.804	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	196532	45.462	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	19867	34.924	ug/l	95
82) 4-Chlorotoluene	11.451	91	193875	46.080	ug/l	94
83) tert-Butylbenzene	11.713	119	198239	45.090	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	207756	47.157	ug/l	96
85) sec-Butylbenzene	11.890	105	231963	45.013	ug/l	98
86) p-Isopropyltoluene	12.006	119	201471	45.994	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	120534	50.231	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	121371	48.814	ug/l	97
89) n-Butylbenzene	12.329	91	160880	45.073	ug/l	97
90) Hexachloroethane	12.536	117	30181	42.417	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	120020	48.914	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12792	33.656	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	75058	50.396	ug/l	98
94) Hexachlorobutadiene	13.725	225	24696	44.973	ug/l	100
95) Naphthalene	13.774	128	244949	42.978	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	73744	46.961	ug/l	98

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

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