

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041392.D
 Acq On : 06 May 2024 20:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024

Quant Time: May 07 02:06:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	174070	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	254127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112952	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110771	58.455	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.900%
35) Dibromofluoromethane	5.385	113	89554	52.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	8.647	98	267328	49.044	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	96637	45.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70421	49.234	ug/l	98
3) Chloromethane	1.300	50	81672	55.181	ug/l	97
4) Vinyl Chloride	1.374	62	81875	58.029	ug/l	98
5) Bromomethane	1.599	94	41812	47.271	ug/l	98
6) Chloroethane	1.666	64	43713	66.726	ug/l	96
7) Trichlorofluoromethane	1.867	101	126207	51.873	ug/l	99
8) Diethyl Ether	2.136	74	50495	58.883	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.319	101	67291	49.210	ug/l #	87
10) Methyl Iodide	2.447	142	74389	50.546	ug/l	91
11) Tert butyl alcohol	3.001	59	113003	297.935	ug/l #	91
12) 1,1-Dichloroethene	2.306	96	67479	50.025	ug/l	87
13) Acrolein	2.239	56	91511	304.128	ug/l	98
14) Allyl chloride	2.660	41	118247	52.177	ug/l	97
15) Acrylonitrile	3.068	53	262404	303.129	ug/l	99
16) Acetone	2.392	43	225732	270.830	ug/l	96
17) Carbon Disulfide	2.501	76	139788	44.085	ug/l	99
18) Methyl Acetate	2.709	43	107316	55.352	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	288501	58.671	ug/l	100
20) Methylene Chloride	2.788	84	79501	48.326	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	77738	51.569	ug/l	89
22) Diisopropyl ether	3.763	45	287499	59.859	ug/l	91
23) Vinyl Acetate	3.721	43	1366484	318.055	ug/l	97
24) 1,1-Dichloroethane	3.605	63	156387	57.635	ug/l	97
25) 2-Butanone	4.562	43	410606	334.782	ug/l	95
26) 2,2-Dichloropropane	4.471	77	101468	44.726	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	105248	58.967	ug/l	88
28) Bromochloromethane	4.897	49	53180	54.916	ug/l #	76
29) Tetrahydrofuran	5.007	42	262467	327.217	ug/l	95
30) Chloroform	5.092	83	169835	60.162	ug/l	97
31) Cyclohexane	5.464	56	115949	50.697	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	143313	55.800	ug/l	97
36) 1,1-Dichloropropene	5.690	75	99285	48.214	ug/l	96
37) Ethyl Acetate	4.721	43	155299	60.441	ug/l	99
38) Carbon Tetrachloride	5.672	117	119713	50.746	ug/l	98
39) Methylcyclohexane	7.379	83	126849	52.433	ug/l	93
40) Benzene	6.031	78	335433	52.839	ug/l	100

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41) Methacrylonitrile	4.928	41	83232	62.938	ug/l	96
42) 1,2-Dichloroethane	6.086	62	133021	57.176	ug/l	97
43) Isopropyl Acetate	6.342	43	231150	59.833	ug/l	97
44) Trichloroethene	7.123	130	92002	54.884	ug/l	88
45) 1,2-Dichloropropane	7.427	63	84963	59.902	ug/l	98
46) Dibromomethane	7.580	93	67285	59.591	ug/l #	78
47) Bromodichloromethane	7.824	83	126904	63.071	ug/l	99
48) Methyl methacrylate	7.696	41	116778	65.941	ug/l	95
49) 1,4-Dioxane	7.665	88	56695	1480.720	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	742192	320.164	ug/l	99
52) Toluene	8.720	92	197849	50.948	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106126	53.234	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	131416	59.410	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	82784	55.355	ug/l	97
56) Ethyl methacrylate	9.116	69	135679	58.621	ug/l	98
57) 1,3-Dichloropropane	9.305	76	145541	58.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	342801	305.458	ug/l	93
59) 2-Hexanone	9.433	43	625155	337.251	ug/l	97
60) Dibromochloromethane	9.518	129	107745	61.199	ug/l	99
61) 1,2-Dibromoethane	9.610	107	97606	59.325	ug/l	100
64) Tetrachloroethene	9.275	164	80018	47.378	ug/l	90
65) Chlorobenzene	10.079	112	252091	53.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	92860	55.507	ug/l	97
67) Ethyl Benzene	10.195	91	401194	51.359	ug/l	98
68) m/p-Xylenes	10.299	106	309182	98.837	ug/l	94
69) o-Xylene	10.640	106	158582	52.945	ug/l	95
70) Styrene	10.652	104	264418	53.799	ug/l	96
71) Bromoform	10.799	173	83789	55.964	ug/l #	100
73) Isopropylbenzene	10.963	105	350447	50.828	ug/l	96
74) N-amyl acetate	10.841	43	197844	65.679	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	133857	59.248	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109012m	59.221	ug/l	
77) Bromobenzene	11.195	156	106577	54.768	ug/l	77
78) n-propylbenzene	11.305	91	382476	52.817	ug/l	95
79) 2-Chlorotoluene	11.366	91	239407	51.302	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	297034	52.847	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	36356	53.798	ug/l	97
82) 4-Chlorotoluene	11.451	91	277958	52.466	ug/l	92
83) tert-Butylbenzene	11.713	119	322354	53.557	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	304112	53.773	ug/l	94
85) sec-Butylbenzene	11.890	105	367571	53.289	ug/l	95
86) p-Isopropyltoluene	12.006	119	326110	52.642	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	186925	52.847	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	186978	51.309	ug/l	95
89) n-Butylbenzene	12.329	91	255073	51.206	ug/l	97
90) Hexachloroethane	12.536	117	54138	52.257	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	196057	52.477	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32019	61.331	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	134960	51.680	ug/l	95
94) Hexachlorobutadiene	13.725	225	62590	47.995	ug/l	100
95) Naphthalene	13.774	128	443538	57.313	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140973	52.819	ug/l	95

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

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