

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027973.D
 Acq On : 04 Apr 2022 21:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 05 05:55:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Supervised By : Mahesh
 Dadoda
 04/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							04/05/2022
1) Pentafluorobenzene	5.556	168	56962	50.000	ug/l	# 0.00	Supervised By :Mahesh
34) 1,4-Difluorobenzene	6.763	114	106225	50.000	ug/l	0.00	Padoda
63) Chlorobenzene-d5	10.055	117	99651	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	49400	50.000	ug/l	0.00	
System Monitoring Compounds							04/05/2022
33) 1,2-Dichloroethane-d4	5.958	65	44918	61.116	ug/l	0.00	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	122.240%	
35) Dibromofluoromethane	5.391	113	34405	50.178	ug/l	0.00	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.360%	
50) Toluene-d8	8.653	98	110514	45.810	ug/l	0.00	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.620%	
62) 4-Bromofluorobenzene	11.079	95	49163	47.954	ug/l	0.00	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.900%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.166	85	20570	39.852	ug/l	100	
3) Chloromethane	1.288	50	21328	46.760	ug/l	99	
4) Vinyl Chloride	1.374	62	20803	44.472	ug/l	100	
5) Bromomethane	1.599	94	8079	38.302	ug/l	93	
6) Chloroethane	1.678	64	14625	46.380	ug/l	96	
7) Trichlorofluoromethane	1.886	101	35969	43.833	ug/l	98	
8) Diethyl Ether	2.136	74	17296	58.721	ug/l	88	
9) 1,1,2-Trichlorotrifluo...	2.325	101	22568	42.312	ug/l	97	
10) Methyl Iodide	2.453	142	26216	42.324	ug/l #	90	
11) Tert butyl alcohol	2.965	59	45011	318.825	ug/l	99	
12) 1,1-Dichloroethene	2.319	96	21343	43.612	ug/l	93	
13) Acrolein	2.233	56	31963	302.288	ug/l	98	
14) Allyl chloride	2.666	41	49157	54.711	ug/l #	91	
15) Acrylonitrile	3.062	53	105591	318.529	ug/l	99	
16) Acetone	2.380	43	95168	292.582	ug/l	90	
17) Carbon Disulfide	2.508	76	39439	39.396	ug/l	100	
18) Methyl Acetate	2.703	43	48287	60.221	ug/l	91	
19) Methyl tert-butyl Ether	3.117	73	118382	63.491	ug/l	100	
20) Methylene Chloride	2.788	84	31736	54.243	ug/l	90	
21) trans-1,2-Dichloroethene	3.093	96	24721	46.540	ug/l	86	
22) Diisopropyl ether	3.763	45	111187	61.749	ug/l	91	
23) Vinyl Acetate	3.721	43	497878	320.036	ug/l #	92	
24) 1,1-Dichloroethane	3.611	63	57525	56.787	ug/l	97	
25) 2-Butanone	4.556	43	145978	308.430	ug/l	93	
26) 2,2-Dichloropropane	4.477	77	40908	50.561	ug/l	99	
27) cis-1,2-Dichloroethene	4.495	96	36039	56.266	ug/l	99	
28) Bromochloromethane	4.897	49	22008	50.509	ug/l	94	
29) Tetrahydrofuran	5.001	42	83966	276.184	ug/l	92	
30) Chloroform	5.099	83	63069	56.006	ug/l	98	
31) Cyclohexane	5.470	56	31802	39.144	ug/l	89	
32) 1,1,1-Trichloroethane	5.385	97	52336	53.727	ug/l	98	
36) 1,1-Dichloropropene	5.696	75	36109	41.813	ug/l	98	
37) Ethyl Acetate	4.714	43	52751	49.273	ug/l	97	
38) Carbon Tetrachloride	5.678	117	43042	45.113	ug/l	98	
39) Methylcyclohexane	7.379	83	31398	30.897	ug/l #	89	
40) Benzene	6.043	78	121061	46.258	ug/l	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	26945	47.318	ug/l	94	04/05/2022
42) 1,2-Dichloroethane	6.092	62	55492	53.065	ug/l	95	Supervised By :Mahesh Dadoda
43) Isopropyl Acetate	6.342	43	90466	52.757	ug/l #	92	
44) Trichloroethene	7.129	130	30382	42.718	ug/l	87	
45) 1,2-Dichloropropane	7.433	63	35302	50.211	ug/l	95	
46) Dibromomethane	7.586	93	25751	48.666	ug/l	92	
47) Bromodichloromethane	7.824	83	54513	51.727	ug/l	97	04/05/2022
48) Methyl methacrylate	7.696	41	44699	49.705	ug/l #	84	
49) 1,4-Dioxane	7.659	88	16690	940.167	ug/l #	90	
51) 4-Methyl-2-Pentanone	8.574	43	312147	262.410	ug/l	90	
52) Toluene	8.720	92	76167	46.205	ug/l	99	
53) t-1,3-Dichloropropene	8.982	75	54867	51.949	ug/l	99	
54) cis-1,3-Dichloropropene	8.366	75	56310	50.631	ug/l #	85	
55) 1,1,2-Trichloroethane	9.153	97	38247	52.310	ug/l	98	
56) Ethyl methacrylate	9.116	69	61006	52.683	ug/l #	80	
57) 1,3-Dichloropropane	9.311	76	62705	50.962	ug/l	98	
58) 2-Chloroethyl Vinyl ether	8.244	63	161051	278.572	ug/l	98	
59) 2-Hexanone	9.433	43	240861	262.969	ug/l	86	
60) Dibromochloromethane	9.525	129	42679	56.296	ug/l	96	
61) 1,2-Dibromoethane	9.610	107	39262	51.391	ug/l	99	
64) Tetrachloroethene	9.275	164	22462	33.244	ug/l	94	
65) Chlorobenzene	10.079	112	89141	45.425	ug/l	96	
66) 1,1,1,2-Tetrachloroethane	10.165	131	36531	49.609	ug/l	99	
67) Ethyl Benzene	10.195	91	152876	42.930	ug/l	100	
68) m/p-Xylenes	10.305	106	114410	87.354	ug/l	92	
69) o-Xylene	10.646	106	59560	46.558	ug/l	91	
70) Styrene	10.659	104	104018	47.839	ug/l	94	
71) Bromoform	10.799	173	31828	53.748	ug/l #	99	
73) Isopropylbenzene	10.963	105	149575	40.666	ug/l	98	
74) N-amyl acetate	10.848	43	82087	49.547	ug/l #	87	
75) 1,1,2,2-Tetrachloroethane	11.213	83	65286	52.271	ug/l	99	
76) 1,2,3-Trichloropropane	11.244	75	59310m	51.180	ug/l		
77) Bromobenzene	11.201	156	39325	46.896	ug/l	91	
78) n-propylbenzene	11.305	91	171506	39.030	ug/l	100	
79) 2-Chlorotoluene	11.366	91	116817	42.302	ug/l	95	
80) 1,3,5-Trimethylbenzene	11.451	105	130749	40.967	ug/l	98	
81) trans-1,4-Dichloro-2-b...	11.018	75	18691	48.597	ug/l #	86	
82) 4-Chlorotoluene	11.457	91	134481	42.437	ug/l	97	
83) tert-Butylbenzene	11.719	119	129662	42.014	ug/l	92	
84) 1,2,4-Trimethylbenzene	11.756	105	136003	42.737	ug/l	97	
85) sec-Butylbenzene	11.890	105	147688	38.777	ug/l	98	
86) p-Isopropyltoluene	12.012	119	125258	39.538	ug/l	95	
87) 1,3-Dichlorobenzene	11.969	146	71090	43.067	ug/l	96	
88) 1,4-Dichlorobenzene	12.042	146	73234	43.067	ug/l	96	
89) n-Butylbenzene	12.335	91	105403	37.002	ug/l	96	
90) Hexachloroethane	12.542	117	22985	45.179	ug/l	95	
91) 1,2-Dichlorobenzene	12.335	146	76176	46.719	ug/l	98	
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14304	47.574	ug/l	94	
93) 1,2,4-Trichlorobenzene	13.591	180	44247	44.374	ug/l	98	
94) Hexachlorobutadiene	13.725	225	16702	38.105	ug/l	94	
95) Naphthalene	13.780	128	175990	50.549	ug/l	100	
96) 1,2,3-Trichlorobenzene	13.963	180	43168	44.191	ug/l	96	

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

04/05/2022
Supervised By :Mahesh
Dadoda

04/05/2022

