

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039823.D
 Acq On : 18 Jan 2024 16:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 19 00:44:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65099	46.103	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.200%		
35) Dibromofluoromethane	5.385	113	49435	49.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.647	98	179647	47.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.220%		
62) 4-Bromofluorobenzene	11.079	95	73486	49.799	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49648	45.523	ug/l	97
3) Chloromethane	1.294	50	55778	44.783	ug/l	99
4) Vinyl Chloride	1.374	62	56290	47.888	ug/l	98
5) Bromomethane	1.599	94	35680	53.199	ug/l	97
6) Chloroethane	1.685	64	34619	51.808	ug/l	97
7) Trichlorofluoromethane	1.886	101	88598	52.250	ug/l	99
8) Diethyl Ether	2.130	74	31968	51.015	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	53932	51.303	ug/l	98
10) Methyl Iodide	2.453	142	61493	55.448	ug/l	95
11) Tert butyl alcohol	2.959	59	90634	246.577	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	52192	51.444	ug/l	90
13) Acrolein	2.233	56	54413	240.073	ug/l	99
14) Allyl chloride	2.666	41	98302	49.230	ug/l	99
15) Acrylonitrile	3.056	53	188507	248.275	ug/l	99
16) Acetone	2.373	43	177931	224.059	ug/l	92
17) Carbon Disulfide	2.514	76	142384	48.828	ug/l	100
18) Methyl Acetate	2.697	43	85975	51.748	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	183148	50.849	ug/l	100
20) Methylene Chloride	2.788	84	59603	49.620	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	54870	51.393	ug/l	99
22) Diisopropyl ether	3.757	45	194155	50.951	ug/l	94
23) Vinyl Acetate	3.715	43	923455	260.703	ug/l	99
24) 1,1-Dichloroethane	3.605	63	107091	51.084	ug/l	99
25) 2-Butanone	4.544	43	276052	241.894	ug/l	98
26) 2,2-Dichloropropane	4.477	77	85277	50.684	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	64077	52.328	ug/l	98
28) Bromochloromethane	4.891	49	47163	49.632	ug/l	99
29) Tetrahydrofuran	4.995	42	178485	242.990	ug/l	100
30) Chloroform	5.093	83	110302	53.299	ug/l	99
31) Cyclohexane	5.464	56	92903	49.852	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	94818	53.517	ug/l	99
36) 1,1-Dichloropropene	5.690	75	81110	52.081	ug/l	100
37) Ethyl Acetate	4.708	43	103286	49.713	ug/l	99
38) Carbon Tetrachloride	5.672	117	78322	54.909	ug/l	96
39) Methylcyclohexane	7.379	83	96486	51.593	ug/l	99
40) Benzene	6.037	78	232167	52.646	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54458	53.601	ug/l	96
42) 1,2-Dichloroethane	6.080	62	93178	55.576	ug/l	100
43) Isopropyl Acetate	6.336	43	161813	53.091	ug/l	100
44) Trichloroethene	7.123	130	59773	55.306	ug/l	98
45) 1,2-Dichloropropane	7.427	63	62168	52.551	ug/l	96
46) Dibromomethane	7.580	93	44804	54.833	ug/l	97
47) Bromodichloromethane	7.818	83	85840	56.723	ug/l	96
48) Methyl methacrylate	7.690	41	79141	52.827	ug/l	94
49) 1,4-Dioxane	7.653	88	30547	1053.784	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	543821	259.077	ug/l	98
52) Toluene	8.714	92	145816	55.359	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	91633	57.064	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98475	55.771	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	61063	54.450	ug/l	94
56) Ethyl methacrylate	9.116	69	99249	54.682	ug/l	97
57) 1,3-Dichloropropane	9.305	76	102704	54.041	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	218632	254.839	ug/l	96
59) 2-Hexanone	9.427	43	438599	264.010	ug/l	98
60) Dibromochloromethane	9.519	129	62638	59.227	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66137	56.949	ug/l	99
64) Tetrachloroethene	9.275	164	47269	52.828	ug/l	98
65) Chlorobenzene	10.079	112	154040	53.752	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	56485	57.886	ug/l	98
67) Ethyl Benzene	10.189	91	289393	54.393	ug/l	97
68) m/p-Xylenes	10.299	106	212253	108.476	ug/l	94
69) o-Xylene	10.640	106	102991	53.150	ug/l	94
70) Styrene	10.652	104	173698	54.874	ug/l	97
71) Bromoform	10.799	173	42824	58.445	ug/l #	98
73) Isopropylbenzene	10.963	105	279512	51.171	ug/l	100
74) N-amyl acetate	10.841	43	148489	52.151	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	105215	50.443	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88292m	49.638	ug/l	
77) Bromobenzene	11.195	156	62690	51.545	ug/l	94
78) n-propylbenzene	11.305	91	346704	52.442	ug/l	97
79) 2-Chlorotoluene	11.360	91	204791	50.119	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	242209	52.209	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	29917	50.198	ug/l	99
82) 4-Chlorotoluene	11.451	91	238280	51.411	ug/l	99
83) tert-Butylbenzene	11.713	119	229327	51.777	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	242822	52.463	ug/l	99
85) sec-Butylbenzene	11.890	105	307112	53.416	ug/l	99
86) p-Isopropyltoluene	12.006	119	246126	53.562	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	123382	52.923	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	125609	52.166	ug/l	98
89) n-Butylbenzene	12.329	91	244317	55.049	ug/l	96
90) Hexachloroethane	12.536	117	43258	55.801	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	121405	52.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26911	52.652	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	74968	53.225	ug/l	97
94) Hexachlorobutadiene	13.725	225	32618	55.709	ug/l	98
95) Naphthalene	13.774	128	269207	51.918	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73667	51.822	ug/l	97

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QLast Update : Thu Jan 11 03:51:26 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

