

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037094.D
 Acq On : 18 Aug 2023 19:07
 Operator : JC/MD
 Sample : 04024-17MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 19 05:22:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

08/21/2023

Supervised By :Mahesh
 Dadoda

08/21/2023

Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86684	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	81522	67.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 135.080%#	
35) Dibromofluoromethane	5.385	113	60948	50.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.100%	
50) Toluene-d8	8.647	98	195708	44.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 88.620%#	
62) 4-Bromofluorobenzene	11.079	95	81835	47.144	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.280%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	40405	41.547	ug/l	100
3) Chloromethane	1.294	50	52373	61.556	ug/l	95
4) Vinyl Chloride	1.374	62	46611	50.330	ug/l	98
5) Bromomethane	1.599	94	26079	56.533	ug/l	100
6) Chloroethane	1.672	64	30523	56.008	ug/l	98
7) Trichlorofluoromethane	1.880	101	70047	46.174	ug/l	98
8) Diethyl Ether	2.136	74	46778	79.701	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	34769	39.287	ug/l	98
10) Methyl Iodide	2.453	142	71354	66.337	ug/l	95
11) Tert butyl alcohol	2.971	59	115168	406.765	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	43497	50.471	ug/l	86
13) Acrolein	2.239	56	71993	334.244	ug/l	99
14) Allyl chloride	2.660	41	81350	60.984	ug/l #	94
15) Acrylonitrile	3.062	53	215673	426.776	ug/l	99
16) Acetone	2.379	43	196157	415.424	ug/l	93
17) Carbon Disulfide	2.507	76	104867	47.837	ug/l	100
18) Methyl Acetate	2.703	43	116493	65.524	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	265395	81.196	ug/l	97
20) Methylene Chloride	2.788	84	69312	65.639	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	56738	57.914	ug/l	90
22) Diisopropyl ether	3.763	45	201537	73.626	ug/l #	82
23) Vinyl Acetate	3.721	43	635525	302.972	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	113858	66.330	ug/l	96
25) 2-Butanone	4.556	43	301196	423.641	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	38168	24.898	ug/l	88
27) cis-1,2-Dichloroethene	4.489	96	78996	68.397	ug/l	84
28) Bromochloromethane	4.897	49	59873	78.080	ug/l #	78
29) Tetrahydrofuran	5.007	42	189254	417.405	ug/l #	83
30) Chloroform	5.092	83	133133	69.091	ug/l	97
31) Cyclohexane	5.464	56	54853	40.418	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	95491	55.301	ug/l	97
36) 1,1-Dichloropropene	5.690	75	68236	39.442	ug/l	96
37) Ethyl Acetate	4.714	43	91503	51.778	ug/l #	95
38) Carbon Tetrachloride	5.678	117	73676	39.205	ug/l	99
39) Methylcyclohexane	7.379	83	50448	27.755	ug/l	90
40) Benzene	6.037	78	261244	52.652	ug/l	99

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41) Methacrylonitrile	4.916	41	62011	67.499	ug/l	#	89
42) 1,2-Dichloroethane	6.086	62	121677	62.535	ug/l		96
43) Isopropyl Acetate	6.342	43	158488	56.488	ug/l	#	92
44) Trichloroethene	7.129	130	64575	45.898	ug/l		93
45) 1,2-Dichloropropane	7.433	63	70828	57.894	ug/l		100
46) Dibromomethane	7.580	93	62261	64.601	ug/l		95
47) Bromodichloromethane	7.824	83	110724	59.981	ug/l		99
48) Methyl methacrylate	7.696	41	89673	65.538	ug/l	#	87
49) 1,4-Dioxane	7.659	88	49834	1352.352	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.573	43	565694	332.042	ug/l		92
52) Toluene	8.720	92	164475	50.171	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	108978	55.444	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	112545	52.986	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	82890	62.094	ug/l		97
56) Ethyl methacrylate	9.116	69	132890	63.555	ug/l		88
57) 1,3-Dichloropropane	9.311	76	140143	62.277	ug/l		100
59) 2-Hexanone	9.433	43	432800	333.175	ug/l		90
60) Dibromochloromethane	9.518	129	89074	62.672	ug/l		99
61) 1,2-Dibromoethane	9.610	107	92104	63.018	ug/l		98
64) Tetrachloroethene	9.275	164	50189	38.301	ug/l		97
65) Chlorobenzene	10.079	112	187552	49.402	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	74832	53.407	ug/l		98
67) Ethyl Benzene	10.195	91	297652	44.557	ug/l		100
68) m/p-Xylenes	10.299	106	227942	88.358	ug/l		100
69) o-Xylene	10.640	106	121665	47.802	ug/l		100
70) Styrene	10.652	104	212548	50.696	ug/l		98
71) Bromoform	10.799	173	64764	61.792	ug/l	#	99
73) Isopropylbenzene	10.963	105	257330	40.842	ug/l		99
74) N-amyl acetate	10.841	43	114571	46.798	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.213	83	127133	59.915	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	108056m	58.532	ug/l		
77) Bromobenzene	11.195	156	82470	53.594	ug/l		94
78) n-propylbenzene	11.305	91	278518	39.698	ug/l		99
79) 2-Chlorotoluene	11.366	91	209430	46.712	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	225970	42.994	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	30190	45.676	ug/l		89
82) 4-Chlorotoluene	11.451	91	243246	47.001	ug/l		98
83) tert-Butylbenzene	11.713	119	204946	40.887	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	241493	45.463	ug/l		98
85) sec-Butylbenzene	11.890	105	209028	35.702	ug/l		99
86) p-Isopropyltoluene	12.006	119	185634	36.832	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	140506	48.771	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	144532	48.558	ug/l		100
89) n-Butylbenzene	12.329	91	138783	33.213	ug/l		98
90) Hexachloroethane	12.536	117	33767	40.140	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	148269	52.558	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31357	63.600	ug/l		84
93) 1,2,4-Trichlorobenzene	13.591	180	73906	44.774	ug/l		98
94) Hexachlorobutadiene	13.725	225	18008	28.240	ug/l		97
95) Naphthalene	13.774	128	400425	55.380	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	80105	48.846	ug/l		99

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

Manual Integrations

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1-3,5

