

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043537.D
 Acq On : 25 Oct 2024 23:25
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 26 04:23:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:20:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/28/2024
 Supervised By :Semsettin Yesilyurt 10/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	141720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43034	19.142	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.280%#		
35) Dibromofluoromethane	5.391	113	32573	19.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.260%#		
50) Toluene-d8	8.647	98	120003	20.325	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.660%#		
62) 4-Bromofluorobenzene	11.079	95	42589	19.749	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29109	18.427	ug/l	97
3) Chloromethane	1.295	50	34549	17.143	ug/l	97
4) Vinyl Chloride	1.374	62	33455	18.224	ug/l	94
5) Bromomethane	1.593	94	12740	17.768	ug/l	100
6) Chloroethane	1.660	64	10777	17.941	ug/l	96
7) Trichlorofluoromethane	1.855	101	44868	18.623	ug/l	97
8) Diethyl Ether	2.136	74	19010	18.064	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	29009	19.075	ug/l	99
10) Methyl Iodide	2.441	142	37942	18.017	ug/l	100
11) Tert butyl alcohol	3.038	59	43863	91.351	ug/l #	100
12) 1,1-Dichloroethene	2.300	96	27513	18.401	ug/l	99
13) Acrolein	2.239	56	33277	87.950	ug/l	98
14) Allyl chloride	2.654	41	47875	18.045	ug/l	98
15) Acrylonitrile	3.075	53	96590	90.811	ug/l	98
16) Acetone	2.398	43	84739	88.305	ug/l	100
17) Carbon Disulfide	2.495	76	52725	17.036	ug/l	99
18) Methyl Acetate	2.709	43	51598	17.891	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	106309	18.274	ug/l	97
20) Methylene Chloride	2.782	84	34074	18.170	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	29557	18.260	ug/l	99
22) Diisopropyl ether	3.770	45	101673	18.567	ug/l	94
23) Vinyl Acetate	3.721	43	425018	93.951	ug/l	100
24) 1,1-Dichloroethane	3.605	63	57243	18.532	ug/l	98
25) 2-Butanone	4.568	43	134696	92.418	ug/l	99
26) 2,2-Dichloropropane	4.465	77	39975	17.957	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	37155	18.423	ug/l	98
28) Bromochloromethane	4.898	49	32612	21.342	ug/l	98
29) Tetrahydrofuran	5.019	42	87485	91.929	ug/l	99
30) Chloroform	5.093	83	61311	18.562	ug/l	100
31) Cyclohexane	5.458	56	48232	19.681	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	52569	18.938	ug/l	99
36) 1,1-Dichloropropene	5.684	75	38539	19.124	ug/l	99
37) Ethyl Acetate	4.721	43	52550	19.106	ug/l	97
38) Carbon Tetrachloride	5.672	117	42471	18.546	ug/l	94
39) Methylcyclohexane	7.373	83	49893	19.305	ug/l	97
40) Benzene	6.031	78	128924	19.138	ug/l	98

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 Supervised By :Semsettin Yesilyurt 10/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	26187	18.929	ug/l	95
42) 1,2-Dichloroethane	6.086	62	47407	19.131	ug/l	99
43) Isopropyl Acetate	6.348	43	80087	18.407	ug/l	100
44) Trichloroethene	7.123	130	30233	18.929	ug/l	99
45) 1,2-Dichloropropane	7.428	63	31421	19.100	ug/l	94
46) Dibromomethane	7.580	93	23337	18.466	ug/l	96
47) Bromodichloromethane	7.818	83	41118	18.340	ug/l	96
48) Methyl methacrylate	7.696	41	37285	18.356	ug/l	97
49) 1,4-Dioxane	7.678	88	19440	372.510	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	264380	95.903	ug/l	99
52) Toluene	8.720	92	78949	19.008	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	42335	18.659	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	46896	18.822	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	33587	19.163	ug/l	97
56) Ethyl methacrylate	9.116	69	53049	18.729	ug/l	99
57) 1,3-Dichloropropane	9.305	76	56116	19.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	131631	94.472	ug/l	99
59) 2-Hexanone	9.433	43	201114	96.481	ug/l	99
60) Dibromochloromethane	9.519	129	29799	18.170	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33017	18.687	ug/l	99
64) Tetrachloroethene	9.269	164	26553	18.895	ug/l	90
65) Chlorobenzene	10.080	112	85884	18.390	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	28910	18.328	ug/l	99
67) Ethyl Benzene	10.195	91	144848	18.645	ug/l	98
68) m/p-Xylenes	10.299	106	112210	38.124	ug/l	99
69) o-Xylene	10.640	106	57138	18.885	ug/l	100
70) Styrene	10.653	104	93987	19.193	ug/l	98
71) Bromoform	10.799	173	18317	17.077	ug/l #	98
73) Isopropylbenzene	10.964	105	143081	19.200	ug/l	100
74) N-amyl acetate	10.842	43	70453	18.769	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	52435	18.367	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	47891m	19.759	ug/l	
77) Bromobenzene	11.195	156	34029	17.887	ug/l	96
78) n-propylbenzene	11.305	91	154101	19.403	ug/l	100
79) 2-Chlorotoluene	11.360	91	99065	18.590	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	119735	19.351	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12654	17.963	ug/l	88
82) 4-Chlorotoluene	11.451	91	113313	19.214	ug/l	99
83) tert-Butylbenzene	11.713	119	119791	18.984	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	119800	18.931	ug/l	100
85) sec-Butylbenzene	11.890	105	140806	19.267	ug/l	100
86) p-Isopropyltoluene	12.006	119	118722	19.609	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	61467	18.007	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	63385	18.420	ug/l	99
89) n-Butylbenzene	12.329	91	92636	18.873	ug/l	99
90) Hexachloroethane	12.536	117	16904	17.259	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	66436	18.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10289	16.939	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	37658	18.270	ug/l	97
94) Hexachlorobutadiene	13.725	225	13844	18.979	ug/l	98
95) Naphthalene	13.774	128	156442	18.497	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40090	18.590	ug/l	99

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

