

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
 Data File : VY017640.D
 Acq On : 12 Mar 2024 13:45
 Operator : SY/MD
 Sample : VY0312SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

Quant Time: Mar 13 04:08:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	143839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	210142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65063	47.728	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.460%		
35) Dibromofluoromethane	7.716	113	72277	43.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.860%		
50) Toluene-d8	10.179	98	261825	44.997	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.000%		
62) 4-Bromofluorobenzene	12.483	95	80667	44.112	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14264	13.443	ug/l	93
3) Chloromethane	2.113	50	27136	13.997	ug/l	100
4) Vinyl Chloride	2.247	62	37140	14.933	ug/l	97
5) Bromomethane	2.643	94	35207	17.371	ug/l	99
6) Chloroethane	2.790	64	27038	17.233	ug/l	99
7) Trichlorofluoromethane	3.119	101	39134	15.439	ug/l	99
8) Diethyl Ether	3.521	74	13158	17.698	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	23804	16.326	ug/l	98
10) Methyl Iodide	4.094	142	22343	13.655	ug/l	100
11) Tert butyl alcohol	4.942	59	10982	94.839	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	20180	14.851	ug/l	96
13) Acrolein	3.723	56	11275	73.795	ug/l	98
14) Allyl chloride	4.472	41	28294	17.233	ug/l	96
15) Acrylonitrile	5.155	53	30155	98.667	ug/l	100
16) Acetone	3.948	43	28476	107.698	ug/l	95
17) Carbon Disulfide	4.192	76	41439	10.160	ug/l	96
18) Methyl Acetate	4.472	43	11420	17.803	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	59533	18.797	ug/l	98
20) Methylene Chloride	4.710	84	35381	19.426	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	24240	15.236	ug/l	94
22) Diisopropyl ether	6.118	45	76655	20.233	ug/l	99
23) Vinyl Acetate	6.057	43	216925	96.086	ug/l	98
24) 1,1-Dichloroethane	6.015	63	47743	18.445	ug/l	99
25) 2-Butanone	6.984	43	40283	106.904	ug/l	94
26) 2,2-Dichloropropane	6.978	77	39063	17.950	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	31740	17.769	ug/l	98
28) Bromochloromethane	7.332	49	15839	15.538	ug/l	96
29) Tetrahydrofuran	7.344	42	22150	97.514	ug/l	97
30) Chloroform	7.508	83	52304	18.980	ug/l	97
31) Cyclohexane	7.783	56	31895	14.377	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	42390	17.718	ug/l	97
36) 1,1-Dichloropropene	7.917	75	33256	14.811	ug/l	99
37) Ethyl Acetate	7.076	43	16270	18.346	ug/l	97
38) Carbon Tetrachloride	7.899	117	35977	15.987	ug/l	97
39) Methylcyclohexane	9.185	83	33982	12.593	ug/l	96
40) Benzene	8.161	78	108683	16.299	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	9234m	20.749	ug/l	
42) 1,2-Dichloroethane	8.234	62	28618	17.590	ug/l	98
43) Isopropyl Acetate	8.270	43	29126	18.689	ug/l	98
44) Trichloroethene	8.941	130	30095	15.658	ug/l	99
45) 1,2-Dichloropropane	9.215	63	28226	17.792	ug/l	98
46) Dibromomethane	9.307	93	15889	17.500	ug/l	99
47) Bromodichloromethane	9.496	83	39829	18.067	ug/l	97
48) Methyl methacrylate	9.295	41	12378	17.159	ug/l	93
49) 1,4-Dioxane	9.307	88	3701	360.183	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	82082	94.504	ug/l	99
52) Toluene	10.246	92	68455	16.284	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	35595	17.396	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	42111	16.937	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	23932	18.565	ug/l	99
56) Ethyl methacrylate	10.514	69	24852	17.413	ug/l	99
57) 1,3-Dichloropropane	10.794	76	36970	17.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	60965	81.955	ug/l	100
59) 2-Hexanone	10.837	43	59683	100.040	ug/l	99
60) Dibromochloromethane	10.990	129	27183	17.825	ug/l	99
61) 1,2-Dibromoethane	11.093	107	20315	17.101	ug/l	100
64) Tetrachloroethene	10.721	164	32715	16.220	ug/l	98
65) Chlorobenzene	11.520	112	76177	17.078	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	29100	17.415	ug/l	98
67) Ethyl Benzene	11.593	91	126487	16.170	ug/l	98
68) m/p-Xylenes	11.703	106	99390	32.335	ug/l	99
69) o-Xylene	12.032	106	46264	16.224	ug/l	100
70) Styrene	12.044	104	78089	16.497	ug/l	99
71) Bromoform	12.209	173	15881	17.150	ug/l #	100
73) Isopropylbenzene	12.331	105	122006	17.186	ug/l	99
74) N-amyl acetate	12.148	43	23769	18.984	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	23225	19.052	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	16603m	18.287	ug/l	
77) Bromobenzene	12.611	156	29706	17.279	ug/l	99
78) n-propylbenzene	12.672	91	150099	17.621	ug/l	99
79) 2-Chlorotoluene	12.757	91	84464	17.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	97399	17.125	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	7109	17.992	ug/l	97
82) 4-Chlorotoluene	12.855	91	84542	17.332	ug/l	99
83) tert-Butylbenzene	13.081	119	86846	17.389	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	97541	17.372	ug/l	98
85) sec-Butylbenzene	13.257	105	132237	17.318	ug/l	100
86) p-Isopropyltoluene	13.373	119	104911	16.784	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	58733	17.020	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	57908	17.261	ug/l	99
89) n-Butylbenzene	13.702	91	97023	17.013	ug/l	99
90) Hexachloroethane	13.965	117	22435	17.903	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	51396	17.608	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3019	17.616	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	25122	16.295	ug/l	99
94) Hexachlorobutadiene	15.117	225	15557	16.344	ug/l	99
95) Naphthalene	15.239	128	41264	16.646	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	21329	16.126	ug/l	98

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

