

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019280.D
 Acq On : 27 Aug 2024 12:37
 Operator : SY/MD
 Sample : VY0827SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0827SBS01

Quant Time: Aug 27 15:43:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	94093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	149713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	128744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	62431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41712	44.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.440%		
35) Dibromofluoromethane	7.622	113	47371	48.391	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.780%		
50) Toluene-d8	10.103	98	167141	47.446	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.900%		
62) 4-Bromofluorobenzene	12.408	95	55256	46.012	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	92.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	14020	20.309	ug/l	93
3) Chloromethane	2.068	50	23173	18.623	ug/l	97
4) Vinyl Chloride	2.196	62	30523	19.859	ug/l	96
5) Bromomethane	2.580	94	25043	23.558	ug/l	98
6) Chloroethane	2.726	64	20964	20.154	ug/l	99
7) Trichlorofluoromethane	3.043	101	44403	19.108	ug/l	100
8) Diethyl Ether	3.446	74	9320	18.581	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.799	101	20472	19.817	ug/l	96
10) Methyl Iodide	3.988	142	19287	19.047	ug/l	96
11) Tert butyl alcohol	4.830	59	10796	111.336	ug/l #	88
12) 1,1-Dichloroethene	3.781	96	19462	20.736	ug/l	94
13) Acrolein	3.641	56	5642	65.068	ug/l	88
14) Allyl chloride	4.366	41	25674	20.574	ug/l	94
15) Acrylonitrile	5.043	53	21060	102.614	ug/l	98
16) Acetone	3.854	43	16805	96.072	ug/l	90
17) Carbon Disulfide	4.098	76	49915	18.855	ug/l	96
18) Methyl Acetate	4.372	43	11427	21.285	ug/l	98
19) Methyl tert-butyl Ether	5.098	73	45132	19.834	ug/l	98
20) Methylene Chloride	4.598	84	26892	18.264	ug/l	98
21) trans-1,2-Dichloroethene	5.098	96	20835	19.869	ug/l	97
22) Diisopropyl ether	6.006	45	57228	20.033	ug/l #	90
23) Vinyl Acetate	5.945	43	216055	95.528	ug/l	98
24) 1,1-Dichloroethane	5.897	63	36079	20.652	ug/l	96
25) 2-Butanone	6.878	43	26642	94.574	ug/l	94
26) 2,2-Dichloropropane	6.872	77	29740	21.022	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	25934	21.016	ug/l	98
28) Bromochloromethane	7.232	49	14813	20.213	ug/l	95
29) Tetrahydrofuran	7.250	42	17225	95.120	ug/l	92
30) Chloroform	7.408	83	39824	20.457	ug/l	97
31) Cyclohexane	7.689	56	29826	19.495	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	35611	20.816	ug/l	99
36) 1,1-Dichloropropene	7.823	75	27451	20.421	ug/l	99
37) Ethyl Acetate	6.970	43	12397	20.816	ug/l	98
38) Carbon Tetrachloride	7.805	117	31728	20.367	ug/l	98
39) Methylcyclohexane	9.097	83	34661	20.093	ug/l	96
40) Benzene	8.073	78	86978	21.098	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	7061m	21.722	ug/l	
42) 1,2-Dichloroethane	8.146	62	22240	19.977	ug/l	99
43) Isopropyl Acetate	8.189	43	23633	19.621	ug/l #	81
44) Trichloroethene	8.859	130	24421	21.229	ug/l	98
45) 1,2-Dichloropropane	9.134	63	19499	21.228	ug/l	97
46) Dibromomethane	9.225	93	12166	20.421	ug/l	99
47) Bromodichloromethane	9.420	83	30168	20.640	ug/l #	97
48) Methyl methacrylate	9.219	41	10895	20.297	ug/l	88
49) 1,4-Dioxane	9.213	88	2518	348.907	ug/l #	100
51) 4-Methyl-2-Pentanone	9.993	43	61398	96.044	ug/l	95
52) Toluene	10.170	92	55639	20.560	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	24580	20.273	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	29791	20.431	ug/l	93
55) 1,1,2-Trichloroethane	10.573	97	16174	21.089	ug/l	95
56) Ethyl methacrylate	10.438	69	20211	20.133	ug/l #	88
57) 1,3-Dichloropropane	10.719	76	26228	20.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	44874	94.228	ug/l	96
59) 2-Hexanone	10.762	43	43005	97.919	ug/l	92
60) Dibromochloromethane	10.908	129	20714	19.830	ug/l	98
61) 1,2-Dibromoethane	11.011	107	15101	20.372	ug/l	100
64) Tetrachloroethene	10.646	164	23037	20.471	ug/l	95
65) Chlorobenzene	11.444	112	61665	20.801	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	21680	20.796	ug/l	98
67) Ethyl Benzene	11.517	91	104409	20.292	ug/l	95
68) m/p-Xylenes	11.627	106	82995	40.651	ug/l	97
69) o-Xylene	11.956	106	37988	20.093	ug/l	99
70) Styrene	11.969	104	64630	20.046	ug/l	100
71) Bromoform	12.133	173	12073	20.259	ug/l #	99
73) Isopropylbenzene	12.255	105	100653	21.035	ug/l	98
74) N-amyl acetate	12.072	43	20493	19.640	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	17926	21.043	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	10486m	17.031	ug/l	
77) Bromobenzene	12.536	156	24945	21.707	ug/l	92
78) n-propylbenzene	12.597	91	121751	21.284	ug/l	98
79) 2-Chlorotoluene	12.682	91	67649	21.094	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	82893	21.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5267	21.127	ug/l	95
82) 4-Chlorotoluene	12.779	91	70966	21.270	ug/l	99
83) tert-Butylbenzene	12.999	119	75954	21.099	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	79487	20.459	ug/l	98
85) sec-Butylbenzene	13.176	105	110520	21.068	ug/l	99
86) p-Isopropyltoluene	13.292	119	90492	21.001	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	47633	21.018	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	47456	21.065	ug/l	98
89) n-Butylbenzene	13.621	91	83341	21.214	ug/l	98
90) Hexachloroethane	13.877	117	18323	21.574	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	41766	20.954	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2519	20.101	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	22572	20.081	ug/l	99
94) Hexachlorobutadiene	15.023	225	13018	22.234	ug/l	97
95) Naphthalene	15.145	128	38404	19.144	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	19291	20.348	ug/l	97

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

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