

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018355.D
 Acq On : 23 May 2024 11:50
 Operator : SY/MD
 Sample : VY0523SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 01:14:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	145574	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	267022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	67264	48.771	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.540%		
35) Dibromofluoromethane	7.710	113	70286	45.138	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.280%		
50) Toluene-d8	10.173	98	280097	46.137	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.280%		
62) 4-Bromofluorobenzene	12.477	95	87486	46.637	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	25320	20.378	ug/l	99
3) Chloromethane	2.107	50	38537	19.085	ug/l	100
4) Vinyl Chloride	2.241	62	47596	21.071	ug/l	97
5) Bromomethane	2.631	94	34137	21.137	ug/l	97
6) Chloroethane	2.778	64	32042	21.852	ug/l	95
7) Trichlorofluoromethane	3.113	101	54051	21.322	ug/l	96
8) Diethyl Ether	3.515	74	17213	21.265	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	30850	19.726	ug/l	94
10) Methyl Iodide	4.076	142	30327	19.282	ug/l	99
11) Tert butyl alcohol	4.942	59	16744	106.729	ug/l	# 94
12) 1,1-Dichloroethene	3.857	96	30810	20.003	ug/l	97
13) Acrolein	3.717	56	13793	112.801	ug/l	94
14) Allyl chloride	4.460	41	46598	21.661	ug/l	94
15) Acrylonitrile	5.143	53	38862	111.000	ug/l	99
16) Acetone	3.930	43	31076	109.551	ug/l	# 83
17) Carbon Disulfide	4.180	76	80662	18.753	ug/l	100
18) Methyl Acetate	4.466	43	16568	22.036	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	81157	21.974	ug/l	97
20) Methylene Chloride	4.698	84	47987	27.170	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	32739	20.148	ug/l	98
22) Diisopropyl ether	6.100	45	102417	22.910	ug/l	90
23) Vinyl Acetate	6.045	43	319789	111.717	ug/l	94
24) 1,1-Dichloroethane	6.003	63	60071	21.911	ug/l	97
25) 2-Butanone	6.978	43	50165	111.596	ug/l	88
26) 2,2-Dichloropropane	6.966	77	50267	21.210	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	39891	20.892	ug/l	95
28) Bromochloromethane	7.326	49	18232	19.580	ug/l	# 87
29) Tetrahydrofuran	7.332	42	33242	112.350	ug/l	89
30) Chloroform	7.496	83	61216	21.907	ug/l	97
31) Cyclohexane	7.777	56	55150	21.264	ug/l	93
32) 1,1,1-Trichloroethane	7.692	97	52130	21.254	ug/l	97
36) 1,1-Dichloropropene	7.911	75	43794	19.393	ug/l	99
37) Ethyl Acetate	7.064	43	22324	20.665	ug/l	98
38) Carbon Tetrachloride	7.893	117	43774	18.926	ug/l	94
39) Methylcyclohexane	9.179	83	59344	18.838	ug/l	96
40) Benzene	8.155	78	142403	20.686	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	11205m	20.780	ug/l	
42) 1,2-Dichloroethane	8.228	62	34429	20.792	ug/l	100
43) Isopropyl Acetate	8.265	43	43622	20.696	ug/l	95
44) Trichloroethene	8.935	130	34823	19.735	ug/l	95
45) 1,2-Dichloropropane	9.210	63	32594	21.052	ug/l	94
46) Dibromomethane	9.301	93	18947	20.855	ug/l	89
47) Bromodichloromethane	9.490	83	45071	20.442	ug/l	98
48) Methyl methacrylate	9.289	41	19189	20.127	ug/l	89
49) 1,4-Dioxane	9.295	88	4995	423.753	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	114847	107.965	ug/l	94
52) Toluene	10.240	92	89547	20.751	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	40343	20.013	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	51849	20.991	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	25011	20.780	ug/l	97
56) Ethyl methacrylate	10.508	69	36507	22.113	ug/l #	90
57) 1,3-Dichloropropane	10.782	76	44282	21.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	69866	93.655	ug/l	98
59) 2-Hexanone	10.825	43	81812	111.772	ug/l	92
60) Dibromochloromethane	10.984	129	29567	20.338	ug/l	100
61) 1,2-Dibromoethane	11.087	107	23008	20.717	ug/l	100
64) Tetrachloroethene	10.715	164	30286	18.185	ug/l	95
65) Chlorobenzene	11.514	112	96196	19.835	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	30841	20.102	ug/l	98
67) Ethyl Benzene	11.587	91	172081	20.204	ug/l	100
68) m/p-Xylenes	11.697	106	131501	40.128	ug/l	99
69) o-Xylene	12.026	106	62170	20.103	ug/l	99
70) Styrene	12.038	104	103092	20.166	ug/l	99
71) Bromoform	12.203	173	15216	18.750	ug/l #	98
73) Isopropylbenzene	12.325	105	162729	19.761	ug/l	99
74) N-amyl acetate	12.142	43	40182	20.915	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	28741	20.483	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	19208m	20.398	ug/l	
77) Bromobenzene	12.605	156	34180	18.951	ug/l	94
78) n-propylbenzene	12.666	91	197076	19.988	ug/l	99
79) 2-Chlorotoluene	12.752	91	107422	20.124	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	126137	19.493	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	8999	19.663	ug/l	92
82) 4-Chlorotoluene	12.849	91	105746	19.538	ug/l	100
83) tert-Butylbenzene	13.069	119	121268	20.273	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	125389	19.703	ug/l	99
85) sec-Butylbenzene	13.252	105	171529	19.389	ug/l	100
86) p-Isopropyltoluene	13.367	119	141693	19.582	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	69874	19.675	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	70014	19.807	ug/l	98
89) n-Butylbenzene	13.697	91	132600	19.500	ug/l	99
90) Hexachloroethane	13.959	117	26072	19.511	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	61833	20.065	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3955	20.551	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	32155	18.318	ug/l	98
94) Hexachlorobutadiene	15.111	225	16465	18.329	ug/l	96
95) Naphthalene	15.233	128	63942	18.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	26463	17.732	ug/l	97

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

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