

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013727.D
 Acq On : 15 May 2023 11:22
 Operator : KP/MD
 Sample : VY0515SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

Quant Time: May 15 15:37:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/16/2023
 Supervised By :Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	225016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	134036	54.339	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.680%			
35) Dibromofluoromethane	7.716	113	120056	55.319	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.640%			
50) Toluene-d8	10.179	98	395252	51.196	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.477	95	151245	58.110	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45394	21.220	ug/l	99
3) Chloromethane	2.113	50	57692	20.120	ug/l	99
4) Vinyl Chloride	2.253	62	56534	19.801	ug/l	98
5) Bromomethane	2.650	94	50099	22.020	ug/l	99
6) Chloroethane	2.790	64	37077	18.798	ug/l	98
7) Trichlorofluoromethane	3.125	101	97204	22.474	ug/l	95
8) Diethyl Ether	3.527	74	31743	21.552	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	55249	22.773	ug/l	96
10) Methyl Iodide	4.088	142	56487	18.538	ug/l	97
11) Tert butyl alcohol	4.966	59	28913	104.446	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	50060	21.406	ug/l	92
13) Acrolein	3.735	56	19151	82.941	ug/l	93
14) Allyl chloride	4.472	41	93529	21.554	ug/l	96
15) Acrylonitrile	5.167	53	90698	109.956	ug/l	99
16) Acetone	3.954	43	102187	105.196	ug/l	92
17) Carbon Disulfide	4.192	76	144694	19.048	ug/l	99
18) Methyl Acetate	4.478	43	69581	21.688	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	148002	21.922	ug/l	100
20) Methylene Chloride	4.716	84	79660	21.579	ug/l #	84
21) trans-1,2-Dichloroethene	5.222	96	54275	21.227	ug/l	95
22) Diisopropyl ether	6.118	45	192901	22.744	ug/l	95
23) Vinyl Acetate	6.057	43	558472	116.298	ug/l	95
24) 1,1-Dichloroethane	6.021	63	106768	22.587	ug/l	97
25) 2-Butanone	6.990	43	132493	107.548	ug/l	91
26) 2,2-Dichloropropane	6.984	77	94105	23.104	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	62952	22.283	ug/l	95
28) Bromochloromethane	7.326	49	38520	22.964	ug/l	85
29) Tetrahydrofuran	7.350	42	77540	101.113	ug/l	93
30) Chloroform	7.502	83	112660	23.972	ug/l	97
31) Cyclohexane	7.783	56	89215	20.201	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	98073	23.385	ug/l	98
36) 1,1-Dichloropropene	7.917	75	78732	21.859	ug/l	97
37) Ethyl Acetate	7.076	43	55485	20.471	ug/l	95
38) Carbon Tetrachloride	7.899	117	88387	23.413	ug/l	98
39) Methylcyclohexane	9.185	83	87555	20.620	ug/l	98
40) Benzene	8.161	78	233401	23.005	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	30884m	24.452	ug/l	
42) 1,2-Dichloroethane	8.234	62	77628	23.403	ug/l	99
43) Isopropyl Acetate	8.270	43	97734	21.363	ug/l	98
44) Trichloroethene	8.941	130	61042	22.618	ug/l	99
45) 1,2-Dichloropropane	9.215	63	61427	23.156	ug/l	96
46) Dibromomethane	9.301	93	35994	22.677	ug/l	97
47) Bromodichloromethane	9.496	83	84608	23.822	ug/l	100
48) Methyl methacrylate	9.295	41	43713	20.804	ug/l	96
49) 1,4-Dioxane	9.313	88	8823	389.203	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	272150	106.751	ug/l	97
52) Toluene	10.246	92	142208	23.292	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	87761	23.347	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	96244	22.755	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	47957	22.815	ug/l	98
56) Ethyl methacrylate	10.508	69	65342	22.407	ug/l	93
57) 1,3-Dichloropropane	10.788	76	82606	23.204	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	124367	113.730	ug/l	94
59) 2-Hexanone	10.831	43	201453	108.705	ug/l	96
60) Dibromochloromethane	10.983	129	60629	23.755	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46625	22.561	ug/l	99
64) Tetrachloroethene	10.721	164	51622	21.982	ug/l	95
65) Chlorobenzene	11.514	112	154393	22.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	59804	23.769	ug/l	99
67) Ethyl Benzene	11.593	91	268374	22.717	ug/l	99
68) m/p-Xylenes	11.703	106	206398	45.958	ug/l	97
69) o-Xylene	12.026	106	97522	22.961	ug/l	97
70) Styrene	12.044	104	168015	23.659	ug/l	99
71) Bromoform	12.209	173	40789	23.144	ug/l #	98
73) Isopropylbenzene	12.331	105	258528	21.546	ug/l	98
74) N-amyl acetate	12.142	43	85210	19.956	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	60384	20.589	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	45003m	21.035	ug/l	
77) Bromobenzene	12.605	156	65398	22.494	ug/l	95
78) n-propylbenzene	12.672	91	317840	21.506	ug/l	98
79) 2-Chlorotoluene	12.757	91	180238	21.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	217404	22.199	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	20622	19.717	ug/l	92
82) 4-Chlorotoluene	12.855	91	191049	22.210	ug/l	98
83) tert-Butylbenzene	13.075	119	186828	22.020	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	215834	22.668	ug/l	100
85) sec-Butylbenzene	13.251	105	276968	21.751	ug/l	99
86) p-Isopropyltoluene	13.367	119	231144	22.572	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	126977	22.924	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	128238	22.919	ug/l	99
89) n-Butylbenzene	13.696	91	220332	22.045	ug/l	98
90) Hexachloroethane	13.958	117	47300	21.947	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	114954	22.982	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10797	20.845	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	71027	23.817	ug/l	98
94) Hexachlorobutadiene	15.111	225	43366	24.987	ug/l	99
95) Naphthalene	15.233	128	138317	21.377	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	62013	23.331	ug/l	98

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

