

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010668.D
 Acq On : 26 Sep 2022 14:12
 Operator : KP/MD
 Sample : VY0926SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Quant Time: Sep 27 06:25:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	228684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	374191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	337951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	112285	51.335	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.660%			
35) Dibromofluoromethane	7.716	113	103132	43.186	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.380%			
50) Toluene-d8	10.179	98	413989	47.100	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.200%			
62) 4-Bromofluorobenzene	12.477	95	138250	41.762	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	26533	21.821	ug/l	96
3) Chloromethane	2.113	50	40944	23.927	ug/l	91
4) Vinyl Chloride	2.247	62	48247	21.828	ug/l	95
5) Bromomethane	2.638	94	32010	20.484	ug/l	96
6) Chloroethane	2.784	64	33238	20.633	ug/l	99
7) Trichlorofluoromethane	3.119	101	63853	21.250	ug/l	91
8) Diethyl Ether	3.521	74	21193	20.570	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	38971	21.550	ug/l	95
10) Methyl Iodide	4.088	142	39322	18.822	ug/l	92
11) Tert butyl alcohol	4.948	59	28583	141.173	ug/l	97
12) 1,1-Dichloroethene	3.869	96	33673	20.852	ug/l	86
13) Acrolein	3.729	56	9160	90.024	ug/l	97
14) Allyl chloride	4.479	41	56231	23.097	ug/l #	96
15) Acrylonitrile	5.155	53	55826	104.399	ug/l	99
16) Acetone	3.942	43	47992	107.594	ug/l	96
17) Carbon Disulfide	4.186	76	83792	24.212	ug/l	100
18) Methyl Acetate	4.466	43	33478	25.521	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	98543	19.573	ug/l	97
20) Methylene Chloride	4.710	84	62870	19.157	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	38782	21.342	ug/l	92
22) Diisopropyl ether	6.119	45	130017	22.624	ug/l	92
23) Vinyl Acetate	6.052	43	357815	105.397	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	75413	21.864	ug/l	99
25) 2-Butanone	6.978	43	74496	106.775	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	69314	20.898	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	46310	20.456	ug/l	93
28) Bromochloromethane	7.332	49	19374	15.849	ug/l	94
29) Tetrahydrofuran	7.344	42	44969	104.940	ug/l	91
30) Chloroform	7.502	83	78126	20.936	ug/l	100
31) Cyclohexane	7.783	56	64269	24.314	ug/l #	87
32) 1,1,1-Trichloroethane	7.698	97	68464	20.615	ug/l	98
36) 1,1-Dichloropropene	7.911	75	55931	21.020	ug/l	97
37) Ethyl Acetate	7.070	43	31408	20.436	ug/l	95
38) Carbon Tetrachloride	7.899	117	61611	20.138	ug/l	98
39) Methylcyclohexane	9.179	83	65323	20.975	ug/l	96
40) Benzene	8.155	78	164260	20.707	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15232m	19.431	ug/l	
42) 1,2-Dichloroethane	8.234	62	49749	20.367	ug/l	95
43) Isopropyl Acetate	8.271	43	56434	20.032	ug/l #	92
44) Trichloroethene	8.935	130	44419	19.561	ug/l	96
45) 1,2-Dichloropropane	9.216	63	42493	20.708	ug/l	94
46) Dibromomethane	9.301	93	23570	19.559	ug/l	96
47) Bromodichloromethane	9.496	83	59235	19.907	ug/l	99
48) Methyl methacrylate	9.289	41	25683	20.652	ug/l #	88
49) 1,4-Dioxane	9.295	88	6142	346.605	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	156918	98.657	ug/l	93
52) Toluene	10.240	92	105807	20.386	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	58525	19.452	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	66701	19.885	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	34177	19.281	ug/l	99
56) Ethyl methacrylate	10.508	69	42430	18.478	ug/l	85
57) 1,3-Dichloropropane	10.788	76	57909	19.723	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	86169	81.333	ug/l	96
59) 2-Hexanone	10.831	43	105714	98.059	ug/l	91
60) Dibromochloromethane	10.984	129	40579	18.707	ug/l	98
61) 1,2-Dibromoethane	11.087	107	31493	18.978	ug/l	99
64) Tetrachloroethene	10.715	164	43274	19.169	ug/l	96
65) Chlorobenzene	11.514	112	114931	19.667	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	42829	18.812	ug/l	98
67) Ethyl Benzene	11.593	91	206182	20.092	ug/l	100
68) m/p-Xylenes	11.703	106	158093	39.768	ug/l	95
69) o-Xylene	12.026	106	74296	19.169	ug/l	95
70) Styrene	12.044	104	127447	19.357	ug/l	97
71) Bromoform	12.203	173	24778	17.527	ug/l #	97
73) Isopropylbenzene	12.331	105	202396	19.560	ug/l	100
74) N-amyl acetate	12.142	43	47799	19.049	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	39541	18.753	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	29956m	18.746	ug/l	
77) Bromobenzene	12.605	156	45807	18.605	ug/l	98
78) n-propylbenzene	12.672	91	250913	20.357	ug/l	100
79) 2-Chlorotoluene	12.758	91	137376	19.561	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	176144	20.147	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	13440	18.700	ug/l	92
82) 4-Chlorotoluene	12.855	91	144221	19.887	ug/l	99
83) tert-Butylbenzene	13.075	119	149951	19.177	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	173625	19.989	ug/l	98
85) sec-Butylbenzene	13.251	105	228948	19.992	ug/l	100
86) p-Isopropyltoluene	13.367	119	188693	19.717	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	94818	18.974	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	95582	19.326	ug/l	97
89) n-Butylbenzene	13.696	91	176283	20.066	ug/l	100
90) Hexachloroethane	13.959	117	37795	20.570	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	84655	19.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6519	18.527	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	48590	17.893	ug/l	98
94) Hexachlorobutadiene	15.111	225	30416	18.428	ug/l	99
95) Naphthalene	15.233	128	91488	16.720	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	42053	17.785	ug/l	99

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

