

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020441.D
 Acq On : 25 Nov 2024 19:40
 Operator : SY/MD
 Sample : VY1125SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1125SBSD02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/26/2024
 Supervised By :Mahesh Dadoda 11/26/2024

Quant Time: Nov 26 00:49:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	154039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	250068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	214670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	104045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	86398	48.820	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.640%		
35) Dibromofluoromethane	7.640	113	76731	47.852	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.700%		
50) Toluene-d8	10.109	98	296877	47.000	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.000%		
62) 4-Bromofluorobenzene	12.408	95	103584	51.012	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	102.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	35351	23.643	ug/l	97
3) Chloromethane	2.074	50	36859	15.649	ug/l	99
4) Vinyl Chloride	2.208	62	35109	17.116	ug/l	98
5) Bromomethane	2.592	94	21684	21.167	ug/l	94
6) Chloroethane	2.739	64	21986	18.374	ug/l	99
7) Trichlorofluoromethane	3.062	101	69054	24.225	ug/l	99
8) Diethyl Ether	3.458	74	20407	22.690	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	37394	22.028	ug/l	96
10) Methyl Iodide	4.007	142	48631	21.387	ug/l	93
11) Tert butyl alcohol	4.866	59	15178	110.851	ug/l	96
12) 1,1-Dichloroethene	3.793	96	38797	23.088	ug/l	99
13) Acrolein	3.653	56	13799	125.922	ug/l	97
14) Allyl chloride	4.391	41	68767	21.163	ug/l	97
15) Acrylonitrile	5.068	53	45063	113.346	ug/l	98
16) Acetone	3.879	43	41831	98.599	ug/l	97
17) Carbon Disulfide	4.110	76	125414	22.153	ug/l	99
18) Methyl Acetate	4.391	43	23847	24.113	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	105705	24.216	ug/l	96
20) Methylene Chloride	4.622	84	41992	23.373	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	43851	23.496	ug/l	99
22) Diisopropyl ether	6.025	45	140022	21.866	ug/l	95
23) Vinyl Acetate	5.964	43	383536	107.176	ug/l	100
24) 1,1-Dichloroethane	5.921	63	82291	22.764	ug/l	98
25) 2-Butanone	6.896	43	60983	111.653	ug/l	99
26) 2,2-Dichloropropane	6.890	77	72437	24.243	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	50706	24.667	ug/l	99
28) Bromochloromethane	7.250	49	28598	18.796	ug/l	93
29) Tetrahydrofuran	7.268	42	38084	116.664	ug/l	98
30) Chloroform	7.421	83	84260	24.137	ug/l	95
31) Cyclohexane	7.701	56	73308	22.221	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	78741	25.689	ug/l	98
36) 1,1-Dichloropropene	7.841	75	61887	25.269	ug/l	100
37) Ethyl Acetate	6.988	43	26987	24.054	ug/l	98
38) Carbon Tetrachloride	7.823	117	73557	28.765	ug/l	99
39) Methylcyclohexane	9.109	83	77498	25.284	ug/l	99
40) Benzene	8.085	78	186140	25.934	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	12366	19.371	ug/l #	83
42) 1,2-Dichloroethane	8.165	62	52156	26.922	ug/l	99
43) Isopropyl Acetate	8.201	43	54168	24.827	ug/l	97
44) Trichloroethene	8.866	130	45008	26.467	ug/l	94
45) 1,2-Dichloropropane	9.140	63	43074	25.154	ug/l	98
46) Dibromomethane	9.231	93	23589	26.876	ug/l	98
47) Bromodichloromethane	9.427	83	64052	26.436	ug/l	99
48) Methyl methacrylate	9.225	41	25647	24.587	ug/l	96
49) 1,4-Dioxane	9.231	88	4531	501.787	ug/l #	87
51) 4-Methyl-2-Pentanone	10.000	43	136665	123.428	ug/l	98
52) Toluene	10.170	92	114484	26.097	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	56997	24.877	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	67484	25.730	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	29558	25.371	ug/l	97
56) Ethyl methacrylate	10.439	69	43903	25.092	ug/l	94
57) 1,3-Dichloropropane	10.719	76	54321	25.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	79662	96.021	ug/l	97
59) 2-Hexanone	10.762	43	94135	120.064	ug/l	98
60) Dibromochloromethane	10.914	129	41022	27.317	ug/l	99
61) 1,2-Dibromoethane	11.018	107	27679	25.639	ug/l	99
64) Tetrachloroethene	10.646	164	41470	26.799	ug/l	99
65) Chlorobenzene	11.444	112	121500	25.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	42516	26.590	ug/l	98
67) Ethyl Benzene	11.518	91	222845	25.237	ug/l	98
68) m/p-Xylenes	11.627	106	166105	52.224	ug/l	98
69) o-Xylene	11.957	106	77121	25.564	ug/l	97
70) Styrene	11.969	104	133174	26.570	ug/l	98
71) Bromoform	12.133	173	23043	27.652	ug/l #	99
73) Isopropylbenzene	12.255	105	214303	24.315	ug/l	99
74) N-amyl acetate	12.072	43	47117	22.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33068	23.214	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	25567m	26.071	ug/l	
77) Bromobenzene	12.536	156	45222	24.489	ug/l	99
78) n-propylbenzene	12.597	91	254993	24.107	ug/l	99
79) 2-Chlorotoluene	12.682	91	144380	23.739	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	173783	24.397	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	12001	23.979	ug/l	97
82) 4-Chlorotoluene	12.780	91	149547	23.826	ug/l	99
83) tert-Butylbenzene	12.999	119	156382	24.878	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	172923	24.486	ug/l	98
85) sec-Butylbenzene	13.176	105	227224	22.929	ug/l	99
86) p-Isopropyltoluene	13.292	119	186733	24.371	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	89761	24.040	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	87629	24.564	ug/l	99
89) n-Butylbenzene	13.621	91	174036	23.719	ug/l	99
90) Hexachloroethane	13.883	117	35118	23.747	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	77384	24.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5488	23.479	ug/l	92
93) 1,2,4-Trichlorobenzene	14.926	180	45379	24.125	ug/l	99
94) Hexachlorobutadiene	15.029	225	29573	25.757	ug/l	97
95) Naphthalene	15.151	128	78213	24.144	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	38244	23.780	ug/l	99

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

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