

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061534.D
 Acq On : 07 Nov 2024 20:47
 Operator : MD/SY
 Sample : P4743-05MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46R4MSD

Quant Time: Nov 08 00:33:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154163	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	147405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45250	4.321	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.911	69	42860	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	21971	4.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.624	46	121138	56.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.940%
24) Chloroform-d	5.055	84	106050	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.692	65	52947	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.718	84	212318	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.682	67	64309	5.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.891	98	197070	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.174	79	22927	4.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.624	63	114148	54.677	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53350	5.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	65865	5.194	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	43464	4.229	ug/L	99
3) Chloromethane	1.518	50	48425	4.468	ug/L	97
5) Vinyl chloride	1.599	62	97592	8.190	ug/L #	64
6) Bromomethane	1.853	94	28740	3.640	ug/L	99
8) Chloroethane	1.930	64	45064	5.136	ug/L	88
9) Trichlorofluoromethane	2.133	101	81133	5.013	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	44538	4.634	ug/L	97
12) 1,1-Dichloroethene	2.573	96	48673	5.340	ug/L	93
13) Acetone	2.647	43	104659	77.717	ug/L	99
14) Carbon disulfide	2.788	76	129544	4.260	ug/L	99
15) Methyl Acetate	2.956	43	17570	5.269	ug/L	98
16) Methylene chloride	3.039	84	57110	5.317	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	135179	5.472	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	143212	14.210	ug/L	95
19) 1,1-Dichloroethane	3.859	63	102819	5.409	ug/L	98
21) 2-Butanone	4.708	43	124991	58.547	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	1206298	104.785	ug/L	99
23) Bromochloromethane	4.965	128	28615	5.907	ug/L	97
25) Chloroform	5.078	83	110461	5.527	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69701	5.519	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	90911	5.036	ug/L	99
30) Cyclohexane	5.380	56	76282	4.213	ug/L	98
31) Carbon tetrachloride	5.515	117	74698	4.836	ug/L	97
33) Benzene	5.766	78	243519	5.342	ug/L	100
34) Trichloroethene	6.531	95	267178	21.545	ug/L	99
35) Methylcyclohexane	6.753	83	77495	3.926	ug/L	99
37) 1,2-Dichloropropane	6.782	63	64519	5.584	ug/L	100
38) Bromodichloromethane	7.097	83	75743	5.179	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	90321	5.061	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	330269	57.428	ug/L	99
42) Toluene	7.962	91	261778	5.288	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	70764	4.866	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	48531	5.836	ug/L	98
47) Tetrachloroethene	8.547	164	43043	4.970	ug/L	97
48) 2-Hexanone	8.676	43	234042	57.550	ug/L	97
49) Dibromochloromethane	8.801	129	49600	5.259	ug/L	100
50) 1,2-Dibromoethane	8.917	107	44888	5.556	ug/L	96
51) Chlorobenzene	9.438	112	167170	5.342	ug/L	99
52) Ethylbenzene	9.563	91	281995	5.179	ug/L	99
53) m,p-Xylene	9.685	106	107221	5.168	ug/L	94
54) o-Xylene	10.094	106	105651	5.160	ug/L	99
55) Styrene	10.107	104	168021	5.119	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	59609	5.949	ug/L	100
59) Bromoform	10.283	173	25863	4.879	ug/L	99
60) Isopropylbenzene	10.476	105	277577	5.074	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41495	5.816	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	216344	4.857	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	214504	4.872	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	123574	5.367	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	121268	5.166	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	119853	5.531	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7348	4.905	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	84156	5.332	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	71814	5.638	ug/L	97
71) Naphthalene	14.081	128	122691	6.104	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	63694	5.977	ug/L	98

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

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