

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061323.D
 Acq On : 31 Oct 2024 19:56
 Operator : MD/SY
 Sample : P4629-12MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD

Quant Time: Nov 01 00:03:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 31 23:55:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	179278	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46666	3.832	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.907	69	51984	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.560	65	21564	4.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.624	46	124688	50.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.860%
24) Chloroform-d	5.052	84	111548	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.692	65	57051	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.718	84	222103	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	67590	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.891	98	206773	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.174	79	26129	4.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.627	63	113563	48.593	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53493	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	69605	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	57546	4.815	ug/L	100
3) Chloromethane	1.518	50	53774	4.266	ug/L	100
5) Vinyl chloride	1.599	62	62995	4.546	ug/L	99
6) Bromomethane	1.856	94	46902	5.108	ug/L	96
8) Chloroethane	1.930	64	51926	5.089	ug/L	100
9) Trichlorofluoromethane	2.132	101	156143	8.296	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53795	4.813	ug/L	98
12) 1,1-Dichloroethene	2.573	96	49655	4.685	ug/L	96
13) Acetone	2.640	43	75824	48.417	ug/L	96
14) Carbon disulfide	2.788	76	145883	4.125	ug/L	99
15) Methyl Acetate	2.952	43	17341	4.472	ug/L	96
16) Methylene chloride	3.039	84	57124	4.573	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	138491	4.821	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	55151	4.706	ug/L	98
19) 1,1-Dichloroethane	3.859	63	107646	4.870	ug/L	98
21) 2-Butanone	4.702	43	122056	49.163	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	78920	5.895	ug/L	99
23) Bromochloromethane	4.968	128	28170	5.001	ug/L	99
25) Chloroform	5.078	83	112904	4.858	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70579	4.805	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	96599	4.781	ug/L	99
30) Cyclohexane	5.380	56	92401	4.559	ug/L	99
31) Carbon tetrachloride	5.515	117	81815	4.732	ug/L	99
33) Benzene	5.766	78	248736	4.874	ug/L	100
34) Trichloroethene	6.534	95	808348	58.230	ug/L	99
35) Methylcyclohexane	6.753	83	101229	4.582	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63559	4.914	ug/L	100
38) Bromodichloromethane	7.097	83	79804	4.875	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	95961	4.803	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	321399	49.923	ug/L	99
42) Toluene	7.962	91	269662	4.866	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	76717	4.713	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	46245	4.968	ug/L	98
47) Tetrachloroethene	8.547	164	46587	4.805	ug/L	96
48) 2-Hexanone	8.676	43	229216	50.350	ug/L	99
49) Dibromochloromethane	8.801	129	49950	4.731	ug/L	93
50) 1,2-Dibromoethane	8.917	107	44015	4.867	ug/L	94
51) Chlorobenzene	9.441	112	170907	4.879	ug/L	98
52) Ethylbenzene	9.563	91	295361	4.845	ug/L	98
53) m,p-Xylene	9.685	106	111734	4.811	ug/L	94
54) o-Xylene	10.094	106	108921	4.752	ug/L	98
55) Styrene	10.106	104	177370	4.827	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	57016	5.083	ug/L	98
59) Bromoform	10.283	173	27587	4.741	ug/L	97
60) Isopropylbenzene	10.476	105	290802	4.843	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38989	4.979	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	232574	4.758	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	228604	4.731	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	125918	4.982	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	126834	4.923	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	118871	4.997	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7789	4.737	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	86317	4.983	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	71080	5.084	ug/L	98
71) Naphthalene	14.081	128	112973	5.121	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60691	5.189	ug/L	100

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

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