Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101223\
Data File : BM042279.D
Acq On : 12 Oct 2023 15:47
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV026

Quant Time: Oct 12 16:37:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	109567	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	512793	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	344163	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	785954	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	787223	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	874758	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	25531	7.281	ng/uL	0.00
4) Pyridine-d5	3.799	84	202780	19.525	ng/ul	0.00
7) Phenol-d5	7.157	99	244225	20.113	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	180227	21.966	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	177480	21.247	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	198134	20.604	ng/ul	0.00
21) Nitrobenzene-d5	9.204	128	94561	21.713	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	105462	22.653	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	194438	22.886	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	287649	21.504	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	655767	21.980	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	715089	21.900	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	129234	21.537	ng/ul	0.00
60) Fluorene-d10	15.645	176	551831	22.501	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	112394	20.414	ng/ul	0.00
73) Anthracene-d10	17.510	188	870108	21.611	ng/ul	0.00
81) Pyrene-d10	19.804	212	1047433	21.831	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.909	264	1056551	22.005	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	26621	6.926	ng/uL	99
5) Pyridine	3.822	79	181992	16.927	ng/ul	99
6) Benzaldehyde	7.169	77	167160	26.929	ng/ul	97
8) Phenol	7.187	94	230864	18.826	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.440	93	193887	19.039	ng/ul	96
12) 2-Chlorophenol	7.563	128	172314	19.750	ng/ul	97
13) 2-Methylphenol	8.446	108	175032	19.124	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	163296	9.405	ng/ul	98
16) Acetophenone	8.857	105	311231	20.847	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	171712	19.434	ng/ul	98
18) 4-Methylphenol	8.781	108	197219	19.553	ng/ul	95
19) Hexachloroethane	9.075	117	71254	19.357	ng/ul	91
22) Nitrobenzene	9.251	77	237294	19.264	ng/ul	97
23) Isophorone	9.763	82	459537	19.240	ng/ul	97
25) 2-Nitrophenol	9.951	139	106352	20.876	ng/ul	98
26) 2,4-Dimethylphenol	9.992	107	188383	17.399	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	282499	18.916	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	178843	21.553	ng/ul	97
30) Naphthalene	10.887	128	605979	20.159	ng/ul	100
32) 4-Chloroaniline	11.016	127	264987	20.494	ng/ul	98
33) Hexachlorobutadiene	11.116	225	108854	22.726	ng/ul	97
34) Caprolactam	11.834	113	66496	21.948	ng/ul	93
35) 4-Chloro-3-methylphenol	12.116	107	213757	20.914	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.486	142	426797	20.743	ng/ul	99
37) 1-Methylnaphthalene	12.704	142	420983	20.244	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.833	216	228674	21.101	ng/ul	97
40) Hexachlorocyclopentadiene	12.786	237	108461	15.464	ng/ul	98
41) 2,4,6-Trichlorophenol	13.086	196	149116	20.581	ng/ul	96
42) 2,4,5-Trichlorophenol	13.157	196	165491	21.275	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	605495	20.527	ng/ul	97
44) 2-Chloronaphthalene	13.539	162	442986	19.593	ng/ul	99
45) 2-Nitroaniline	13.775	65	157474	19.373	ng/ul	92
47) Dimethylphthalate	14.122	163	595655	20.064	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	125047	23.268	ng/ul	89
50) Acenaphthylene	14.386	152	764612	20.276	ng/ul	100
51) 3-Nitroaniline	14.604	138	140241	22.138	ng/ul	93
52) Acenaphthene	14.722	153	494362	19.515	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	71163	19.563	ng/ul	98
55) 4-Nitrophenol	14.886	109	96724	19.870	ng/ul	93
56) Dibenzofuran	15.057	168	717571	21.086	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	168336	21.242	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.269	232	153949	23.583	ng/ul	98
59) Diethylphthalate	15.469	149	601909	19.862	ng/ul	98
61) Fluorene	15.704	166	580192	20.556	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	284709	20.891	ng/ul	99
63) 4-Nitroaniline	15.763	138	140441	24.788	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.792	198	106269	18.456	ng/ul#	93
67) N-Nitrosodiphenylamine	15.916	169	500412	20.013	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	171216	20.254	ng/ul	94
69) Hexachlorobenzene	16.674	284	201031	20.916	ng/ul	93
70) Atrazine	16.863	200	178639	20.821	ng/ul	97
71) Pentachlorophenol	17.039	266	120779	18.545	ng/ul	96
72) Phenanthrene	17.451	178	947453	19.652	ng/ul	99
74) Anthracene	17.545	178	953671	19.666	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	221101	18.987	ng/uL	99
76) Pentachlorobenzene	14.951	250	229678	20.087	ng/uL	97
77) Carbazole	17.827	167	898688	20.345	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1075154	19.228	ng/ul	99
80) Fluoranthene	19.462	202	1116421	19.650	ng/ul	96
82) Pyrene	19.833	202	1175564	19.680	ng/ul	97
83) Butylbenzylphthalate	20.709	149	495102	19.445	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.521	252	445434	23.687	ng/ul	99
85) Benzo(a)anthracene	21.580	228	1165640	19.519	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	748480	19.896	ng/ul#	97
87) Chrysene	21.633	228	1067597	19.439	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	1298596	18.379	ng/ul	100
90) Benzo(b)fluoranthene	23.303	252	1163582	19.575	ng/ul	99
91) Benzo(k)fluoranthene	23.356	252	1125468	19.145	ng/ul	98
93) Benzo(a)pyrene	23.962	252	1028295	18.486	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.674	276	1327752	19.654	ng/ul	98
95) Dibenzo(a,h)anthracene	26.691	278	1094268	19.526	ng/ul	98
96) Benzo(g,h,i)perylene	27.485	276	1054312	19.950	ng/ul	95

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

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