Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034621.D
Acq On : 17 Oct 2024 14:41
Operator : RC/JU
Sample : P4352-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4FD0MS

Quant Time: Oct 17 15:10:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	242240	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	993616	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.299	164	567566	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.040	188	1072675	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	945014	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1077150	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	28097	4.641	ng/uL	0.00
4) Pyridine-d5	3.599	84	388920	22.003	ng/ul	0.00
7) Phenol-d5	6.834	99	507628	25.534	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	312175	25.457	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	404729	26.354	ng/ul	0.00
15) 4-Methylphenol-d8	8.364	113	395213	25.509	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	192851	27.890	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	159941	29.271	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.058	165	351858	27.938	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	499808	23.134	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	974184	27.131	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	1207990	27.085	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	150746	22.537	ng/ul	0.00
60) Fluorene-d10	15.293	176	840104	27.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	75598	21.026	ng/ul	0.00
73) Anthracene-d10	17.140	188	1279687	27.908	ng/ul	0.00
81) Pyrene-d10	19.434	212	1386157	28.568	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1458980	29.396	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	89293	13.728	ng/uL	99
5) Pyridine	3.617	79	609541	33.887	ng/ul	100
6) Benzaldehyde	6.811	77	243800	20.892	ng/ul	99
8) Phenol	6.864	94	762161	36.715	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	581790	35.543	ng/ul	96
12) 2-Chlorophenol	7.228	128	592755	36.959	ng/ul	98
13) 2-Methylphenol	8.099	108	537088	35.048	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.193	45	869213	35.251	ng/ul	99
16) Acetophenone	8.475	105	852767	34.469	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.475	70	415247	34.465	ng/ul	98
18) 4-Methylphenol	8.428	108	586519	35.305	ng/ul	96
19) Hexachloroethane	8.734	117	242528	36.265	ng/ul	98
22) Nitrobenzene	8.852	77	625568	37.823	ng/ul	100
23) Isophorone	9.375	82	1166201	35.668	ng/ul	99
25) 2-Nitrophenol	9.558	139	266786	41.519	ng/ul	99
26) 2,4-Dimethylphenol	9.628	107	518425	32.331	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.869	93	722885	35.843	ng/ul	99
29) 2,4-Dichlorophenol	10.087	162	481264	37.770	ng/ul	100
30) Naphthalene	10.487	128	1818619	36.413	ng/ul	98
32) 4-Chloroaniline	10.593	127	478593	23.362	ng/ul	100
33) Hexachlorobutadiene	10.787	225	276049	36.046	ng/ul	98
34) Caprolactam	11.346	113	174523	35.130	ng/ul	92
35) 4-Chloro-3-methylphenol	11.722	107	537553	37.734	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	1175037	35.731	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1170496	34.964	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.481	216	513926	36.850	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	235953	31.849	ng/ul	98
41) 2,4,6-Trichlorophenol	12.716	196	318467	39.329	ng/ul	94
42) 2,4,5-Trichlorophenol	12.787	196	351874	39.215	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	1457854	37.404	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	1135874	37.286	ng/ul	99
45) 2-Nitroaniline	13.363	65	331059	41.428	ng/ul	97
47) Dimethylphthalate	13.769	163	1339308	37.136	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	261184	41.807	ng/ul	92
50) Acenaphthylene	14.016	152	1795008	37.143	ng/ul	99
51) 3-Nitroaniline	14.193	138	280343	35.156	ng/ul	97
52) Acenaphthene	14.363	153	1216355	36.227	ng/ul	96
53) 2,4-Dinitrophenol	14.399	184	84892	34.833	ng/ul	98
55) 4-Nitrophenol	14.504	109	188054	38.393	ng/ul	96
56) Dibenzofuran	14.698	168	1630004	36.534	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	379709	42.616	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.922	232	256190	39.833	ng/ul	95
59) Diethylphthalate	15.146	149	1346152	36.789	ng/ul	99
61) Fluorene	15.351	166	1307578	36.371	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.357	204	585019	36.251	ng/ul	97
63) 4-Nitroaniline	15.357	138	325659	40.990	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.422	198	147422	35.441	ng/ul	96
67) N-Nitrosodiphenylamine	15.563	169	1114949	36.885	ng/ul	96
68) 4-Bromophenyl-phenylether	16.245	248	349138	37.387	ng/ul	96
69) Hexachlorobenzene	16.351	284	394487	36.789	ng/ul	95
70) Atrazine	16.522	200	295346	29.167	ng/ul	99
71) Pentachlorophenol	16.692	266	207620	36.126	ng/ul	97
72) Phenanthrene	17.081	178	1997719	37.312	ng/ul	99
74) Anthracene	17.175	178	2034210	36.771	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.087	216	502894	37.444	ng/uL	99
76) Pentachlorobenzene	14.616	250	470695	36.621	ng/uL	97
77) Carbazole	17.440	167	1924697	37.572	ng/ul	99
78) Di-n-butylphthalate	18.039	149	2316071	38.857	ng/ul	100
80) Fluoranthene	19.098	202	2170640	37.289	ng/ul	97
82) Pyrene	19.463	202	2323787	37.475	ng/ul	99
83) Butylbenzylphthalate	20.392	149	970592	42.222	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.180	252	654544	34.432	ng/ul	92
85) Benzo(a)anthracene	21.251	228	2269366	37.797	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1496969	41.502	ng/ul	100
87) Chrysene	21.310	228	2131318	37.399	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	2599861	41.529	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2226890	38.474	ng/ul	97
91) Benzo(k)fluoranthene	23.316	252	2331970	39.428	ng/ul	99
93) Benzo(a)pyrene	24.022	252	2116767	37.773	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.392	276	2745055	39.263	ng/ul	96
95) Dibenzo(a,h)anthracene	27.463	278	2235649	39.350	ng/ul	98
96) Benzo(g,h,i)perylene	28.404	276	2123663	39.134	ng/ul	99

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

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