Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
Data File : BF141069.D
Acq On : 03 Jan 2025 15:55
Operator : RC/JU
Sample : P5398-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
341-349MSD

Quant Time: Jan 03 18:32:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	254252	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	1023146	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	567576	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	995036	20.000	ng		0.00
76) Chrysene-d12	13.986	240	590322	20.000	ng		0.00
86) Perylene-d12	15.439	264	540826	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1821888	108.014	ng		0.02
7) Phenol-d6	6.451	99	2244821	103.312	ng		0.00
23) Nitrobenzene-d5	7.393	82	1574135	98.432	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	831937	150.845	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2827943	79.383	ng		0.00
79) Terphenyl-d14	12.933	244	3400977	95.694	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	289418	37.900	ng	#	84
3) Pyridine	3.458	79	561779	30.103	ng		98
4) n-Nitrosodimethylamine	3.399	42	378329	40.011	ng		99
6) Aniline	6.487	93	231006	11.921	ng	#	91
8) 2-Chlorophenol	6.610	128	762527	42.879	ng		97
10) Phenol	6.469	94	826981	36.807	ng		98
11) bis(2-Chloroethyl)ether	6.563	93	725415	39.987	ng		97
12) 1,3-Dichlorobenzene	6.769	146	786236	40.061	ng		99
13) 1,4-Dichlorobenzene	6.846	146	787322	39.795	ng		99
14) 1,2-Dichlorobenzene	6.998	146	757908	41.087	ng		98
15) Benzyl Alcohol	6.969	79	629593	40.322	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1090892	39.763	ng		98
17) 2-Methylphenol	7.075	107	615722	41.676	ng		99
18) Hexachloroethane	7.340	117	289142	41.141	ng		98
19) n-Nitroso-di-n-propyla...	7.240	70	535249	40.209	ng		98
20) 3+4-Methylphenols	7.228	107	755490	40.409	ng	#	89
22) Acetophenone	7.234	105	999985	39.841	ng		96
24) Nitrobenzene	7.410	77	799773	44.756	ng		95
25) Isophorone	7.645	82	1458618	41.915	ng		100
26) 2-Nitrophenol	7.722	139	392901	53.028	ng		98
27) 2,4-Dimethylphenol	7.757	122	636726	50.064	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	889805	40.356	ng		100
29) 2,4-Dichlorophenol	7.963	162	638246	44.248	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	652497	39.966	ng		99
31) Naphthalene	8.128	128	2180451	40.443	ng		100
32) Benzoic acid	7.869	122	496521	47.529	ng		97
33) 4-Chloroaniline	8.175	127	57621	2.954	ng		98
34) Hexachlorobutadiene	8.245	225	385768	40.081	ng		100
35) Caprolactam	8.540	113	201772m	41.147	ng		
36) 4-Chloro-3-methylphenol	8.657	107	703781	43.934	ng		98
37) 2-Methylnaphthalene	8.816	142	1452781	42.121	ng		99
38) 1-Methylnaphthalene	8.916	142	1357269	40.041	ng		99
40) 1,2,4,5-Tetrachloroben...	8.987	216	637816	40.847	ng		98
41) Hexachlorocyclopentadiene	8.975	237	714535	138.087	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	481025	46.286	ng		99
44) 2,4,5-Trichlorophenol	9.140	196	479961	45.137	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.281	154	1793573	41.270	ng		100
47) 2-Chloronaphthalene	9.304	162	1357256	40.268	ng		100
48) 2-Nitroaniline	9.398	65	432014	48.898	ng		96
49) Acenaphthylene	9.722	152	2134924	44.000	ng		100
50) Dimethylphthalate	9.587	163	1664237	44.578	ng		100
51) 2,6-Dinitrotoluene	9.645	165	373601	48.989	ng		94
52) Acenaphthene	9.892	154	1593913	48.592	ng		100
53) 3-Nitroaniline	9.810	138	63868	10.454	ng	#	93
54) 2,4-Dinitrophenol	9.916	184	418898	114.894	ng	#	1
55) Dibenzofuran	10.069	168	1946812	42.231	ng		100
56) 4-Nitrophenol	9.969	139	601792	94.234	ng		96
57) 2,4-Dinitrotoluene	10.051	165	509396	54.050	ng		96
58) Fluorene	10.410	166	1490097	41.684	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	426619	48.443	ng		98
60) Diethylphthalate	10.287	149	1633684	44.325	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	726545	42.239	ng		97
62) 4-Nitroaniline	10.428	138	294990	36.523	ng		93
63) Azobenzene	10.563	77	1616453	41.784	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	278414	65.860	ng		96
66) n-Nitrosodiphenylamine	10.522	169	1199750	38.290	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	487558	45.327	ng		98
68) Hexachlorobenzene	10.957	284	529329	44.629	ng		99
69) Atrazine	11.045	200	279959	31.982	ng		99
70) Pentachlorophenol	11.151	266	688626	93.252	ng		99
71) Phenanthrene	11.375	178	2273864	43.419	ng		100
72) Anthracene	11.422	178	2315063	45.114	ng		100
73) Carbazole	11.575	167	1830184	37.100	ng		100
74) Di-n-butylphthalate	11.910	149	2519807	44.909	ng		100
75) Fluoranthene	12.557	202	2325238	40.939	ng		99
77) Benzidine	12.686	184	42575	3.413	ng		97
78) Pyrene	12.786	202	2332307	45.175	ng		100
80) Butylbenzylphthalate	13.410	149	943525	50.049	ng		100
81) Benzo(a)anthracene	13.974	228	1612546	39.195	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	52387	4.238	ng		99
83) Chrysene	14.010	228	1560921	42.087	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	1162869	47.553	ng		100
85) Di-n-octyl phthalate	14.586	149	1701683	48.079	ng		98
87) Indeno(1,2,3-cd)pyrene	16.892	276	1696794	49.798	ng		98
88) Benzo(b)fluoranthene	15.016	252	1572325	41.685	ng		99
89) Benzo(k)fluoranthene	15.045	252	1358809	45.963	ng		100
90) Benzo(a)pyrene	15.380	252	1378688	47.091	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1409603	51.035	ng		98
92) Benzo(g,h,i)perylene	17.333	276	1204111	42.033	ng		98

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

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