Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137416.D
Acq On : 27 Feb 2024 20:41
Operator : CG\JU
Sample : P1539-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Quant Time: Feb 28 05:24:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	222028	20.000	ng		-0.02
21) Naphthalene-d8	8.063	136	851789	20.000	ng		-0.02
39) Acenaphthene-d10	9.822	164	453827	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	657558	20.000	ng		-0.02
76) Chrysene-d12	13.969	240	389502	20.000	ng		-0.01
86) Perylene-d12	15.451	264	449816	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	874358	60.765	ng		-0.01
7) Phenol-d6	6.422	99	814588	38.484	ng		-0.02
23) Nitrobenzene-d5	7.351	82	1375606	80.626	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	425383	107.639	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	2190796	75.155	ng		-0.01
79) Terphenyl-d14	12.910	244	1976110	70.961	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	145840	18.502	ng		98
3) Pyridine	3.328	79	309290	16.697	ng		98
4) n-Nitrosodimethylamine	3.281	42	143184	21.983	ng	#	98
6) Aniline	6.451	93	603405	24.039	ng		98
8) 2-Chlorophenol	6.569	128	536468	34.761	ng		99
9) Benzaldehyde	6.340	77	104605	10.265	ng		98
10) Phenol	6.434	94	357981	15.453	ng		98
11) bis(2-Chloroethyl)ether	6.522	93	632571	37.579	ng		97
12) 1,3-Dichlorobenzene	6.722	146	551977	33.305	ng		98
13) 1,4-Dichlorobenzene	6.798	146	570814	33.452	ng		99
14) 1,2-Dichlorobenzene	6.951	146	546392	34.618	ng		99
15) Benzyl Alcohol	6.928	79	439363	34.822	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1041151	37.212	ng		99
17) 2-Methylphenol	7.045	107	388126	26.580	ng		97
18) Hexachloroethane	7.293	117	175778	29.894	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	501891	38.479	ng		98
20) 3+4-Methylphenols	7.198	107	424909	25.530	ng		95
22) Acetophenone	7.193	105	854969	41.393	ng	#	94
24) Nitrobenzene	7.369	77	713487	41.155	ng		99
25) Isophorone	7.604	82	1437371	40.738	ng		99
26) 2-Nitrophenol	7.681	139	305747	46.265	ng		95
27) 2,4-Dimethylphenol	7.722	122	446935	34.443	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	828065	40.718	ng		99
29) 2,4-Dichlorophenol	7.922	162	504931	41.518	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	487832	37.370	ng		100
31) Naphthalene	8.087	128	1702196	37.238	ng		100
32) Benzoic acid	7.840	122	132120	21.181	ng		93
33) 4-Chloroaniline	8.140	127	365552	21.026	ng		95
34) Hexachlorobutadiene	8.198	225	268863	34.670	ng		99
35) Caprolactam	8.522	113	36850	9.798	ng		95
36) 4-Chloro-3-methylphenol	8.622	107	520772	37.770	ng		97
37) 2-Methylnaphthalene	8.775	142	1074501	36.479	ng		99
38) 1-Methylnaphthalene	8.875	142	1014066	36.413	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	523025	41.843	ng		98
41) Hexachlorocyclopentadiene	8.928	237	19729	3.481	ng		95
43) 2,4,6-Trichlorophenol	9.057	196	369059	45.537	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	368311	39.612	ng		99
46) 1,1'-Biphenyl	9.245	154	1381626	41.799	ng		98
47) 2-Chloronaphthalene	9.269	162	1074055	43.028	ng		98
48) 2-Nitroaniline	9.369	65	370990	48.851	ng		97
49) Acenaphthylene	9.681	152	1729358	42.641	ng		99
50) Dimethylphthalate	9.551	163	1366252	43.568	ng		99
51) 2,6-Dinitrotoluene	9.610	165	286033	49.029	ng	#	86
52) Acenaphthene	9.857	154	969830	40.060	ng		99
53) 3-Nitroaniline	9.781	138	183069	28.472	ng		97
54) 2,4-Dinitrophenol	9.886	184	143178	52.630	ng		97
55) Dibenzofuran	10.028	168	1485414	39.699	ng		98
56) 4-Nitrophenol	9.945	139	135529	30.606	ng		92
57) 2,4-Dinitrotoluene	10.016	165	345840	46.913	ng		96
58) Fluorene	10.375	166	1108086	38.778	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	300086	38.974	ng		93
60) Diethylphthalate	10.251	149	1292459	44.144	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	559082	39.774	ng		96
62) 4-Nitroaniline	10.398	138	226431	37.292	ng		97
63) Azobenzene	10.528	77	1392881	39.763	ng		97
65) 4,6-Dinitro-2-methylph...	10.422	198	117004	37.479	ng		95
66) n-Nitrosodiphenylamine	10.486	169	1008923	47.244	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	341213	48.269	ng	#	92
68) Hexachlorobenzene	10.916	284	355451	48.608	ng		92
69) Atrazine	11.022	200	295997	51.360	ng		98
70) Pentachlorophenol	11.116	266	342052	73.827	ng		99
71) Phenanthrene	11.339	178	1547723	42.662	ng		100
72) Anthracene	11.392	178	1587653	42.465	ng		99
73) Carbazole	11.551	167	1279887	40.067	ng		99
74) Di-n-butylphthalate	11.886	149	1861590	58.243	ng		100
75) Fluoranthene	12.539	202	1346697	38.029	ng		98
77) Benzidine	12.663	184	244614	38.401	ng		99
78) Pyrene	12.763	202	1368959	37.169	ng		100
80) Butylbenzylphthalate	13.392	149	449160	70.478	ng		95
81) Benzo(a)anthracene	13.957	228	1207221	44.665	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	342549	53.684	ng		98
83) Chrysene	13.998	228	1217205	44.085	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	686600	80.929	ng		99
85) Di-n-octyl phthalate	14.580	149	1334145	80.004	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.951	276	979918	32.106	ng		99
88) Benzo(b)fluoranthene	15.021	252	1316541	47.711	ng		98
89) Benzo(k)fluoranthene	15.051	252	1215241	42.019	ng		98
90) Benzo(a)pyrene	15.392	252	1146334	43.797	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	818891	32.596	ng		99
92) Benzo(g,h,i)perylene	17.404	276	703046	27.568	ng		99

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

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