Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
Data File : BF139209.D
Acq On : 28 Aug 2024 15:22
Operator : RC/JU
Sample : P3767-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMSD

Quant Time: Aug 28 16:21:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	82776	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	308365	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	163332	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	232785	20.000	ng	0.00
76) Chrysene-d12	14.051	240	169325	20.000	ng	0.00
86) Perylene-d12	15.521	264	146847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	403269	81.864	ng	0.01
7) Phenol-d6	6.522	99	544294	80.509	ng	0.00
23) Nitrobenzene-d5	7.451	82	365693	65.700	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	116862	83.541	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	610305	58.043	ng	0.00
79) Terphenyl-d14	12.992	244	500097	46.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	97962	42.051	ng	100
3) Pyridine	3.504	79	265874	45.923	ng	99
4) n-Nitrosodimethylamine	3.457	42	156682	46.485	ng	100
6) Aniline	6.551	93	196867	31.065	ng	92
8) 2-Chlorophenol	6.675	128	257880	55.101	ng	98
9) Benzaldehyde	6.440	77	106812	25.242	ng	99
10) Phenol	6.534	94	345991	50.710	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	256574	47.727	ng	98
12) 1,3-Dichlorobenzene	6.834	146	285297	46.226	ng	99
13) 1,4-Dichlorobenzene	6.910	146	287502	46.431	ng	99
14) 1,2-Dichlorobenzene	7.063	146	273134	46.883	ng	99
15) Benzyl Alcohol	7.034	79	270375	53.058	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	372207	47.761	ng	96
17) 2-Methylphenol	7.145	107	216275	50.691	ng	97
18) Hexachloroethane	7.404	117	100983	51.547	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	206035	50.954	ng	98
20) 3+4-Methylphenols	7.298	107	273690	50.289	ng	94
22) Acetophenone	7.298	105	367969	46.442	ng	97
24) Nitrobenzene	7.475	77	311186	47.985	ng	95
25) Isophorone	7.710	82	539849	49.045	ng	100
26) 2-Nitrophenol	7.792	139	126733	60.207	ng	98
27) 2,4-Dimethylphenol	7.828	122	203953	62.515	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	311419	48.867	ng	99
29) 2,4-Dichlorophenol	8.028	162	212520	52.775	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	229788	44.250	ng	99
31) Naphthalene	8.198	128	734275	46.569	ng	100
32) Benzoic acid	7.922	122	104449	39.529	ng	98
33) 4-Chloroaniline	8.239	127	79009	14.541	ng	98
34) Hexachlorobutadiene	8.310	225	154233	45.705	ng	99
35) Caprolactam	8.610	113	63284	51.228	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	226655	49.077	ng	99
37) 2-Methylnaphthalene	8.886	142	470870	47.637	ng	100
38) 1-Methylnaphthalene	8.986	142	433430	44.863	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	233796	48.259	ng	99
41) Hexachlorocyclopentadiene	9.039	237	206123	132.501	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	153727	56.750	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	150152	52.881	ng		99
46) 1,1'-Biphenyl	9.351	154	565235	47.811	ng		100
47) 2-Chloronaphthalene	9.375	162	436952	46.328	ng		98
48) 2-Nitroaniline	9.469	65	147801	52.603	ng		95
49) Acenaphthylene	9.792	152	673818	50.702	ng		99
50) Dimethylphthalate	9.651	163	517528	54.851	ng		100
51) 2,6-Dinitrotoluene	9.710	165	107074	52.478	ng		89
52) Acenaphthene	9.963	154	434238	49.738	ng		100
53) 3-Nitroaniline	9.875	138	66995	33.962	ng		99
54) 2,4-Dinitrophenol	9.981	184	54917	64.612	ng	#	64
55) Dibenzofuran	10.133	168	599622	47.061	ng		100
56) 4-Nitrophenol	10.033	139	135472	78.709	ng		96
57) 2,4-Dinitrotoluene	10.110	165	134473	51.947	ng		93
58) Fluorene	10.475	166	451246	44.890	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	115178	50.612	ng		99
60) Diethylphthalate	10.351	149	478951	53.907	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	229007	46.422	ng		100
62) 4-Nitroaniline	10.486	138	79230	38.698	ng		95
63) Azobenzene	10.628	77	497605	46.071	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	44589	49.641	ng		91
66) n-Nitrosodiphenylamine	10.586	169	378155	54.851	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	134530	54.391	ng		98
68) Hexachlorobenzene	11.022	284	137799	51.480	ng		98
69) Atrazine	11.110	200	118259	78.644	ng		99
70) Pentachlorophenol	11.216	266	149103	94.877	ng		99
71) Phenanthrene	11.439	178	613508	52.154	ng		99
72) Anthracene	11.486	178	597167	52.078	ng		99
73) Carbazole	11.639	167	471726	45.987	ng		100
74) Di-n-butylphthalate	11.975	149	607913	68.378	ng		100
75) Fluoranthene	12.622	202	611339	53.552	ng		100
77) Benzidine	12.745	184	125928	44.073	ng		98
78) Pyrene	12.851	202	614555	38.639	ng		99
80) Butylbenzylphthalate	13.474	149	225564	67.069	ng		99
81) Benzo(a)anthracene	14.039	228	559645	49.883	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	120114	45.983	ng		99
83) Chrysene	14.080	228	535403	52.904	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	305668	75.984	ng		99
85) Di-n-octyl phthalate	14.645	149	515690	64.903	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	357696	35.624	ng		99
88) Benzo(b)fluoranthene	15.092	252	510049	59.376	ng		99
89) Benzo(k)fluoranthene	15.121	252	407870	52.518	ng		99
90) Benzo(a)pyrene	15.463	252	405420	55.603	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	282496	34.326	ng		98
92) Benzo(g,h,i)perylene	17.451	276	258350	30.349	ng		98

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

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