Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012924\
Data File : BF137186.D
Acq On : 29 Jan 2024 11:32
Operator : CG\JU
Sample : PB158518BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 29 11:54:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 02:14:33 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB158518BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	68944	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	269608	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	158796	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	317195	20.000	ng	0.00
76) Chrysene-d12	13.986	240	185604	20.000	ng	0.00
86) Perylene-d12	15.474	264	169076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	409296	103.138	ng	0.02
7) Phenol-d6	6.439	99	552323	97.532	ng	0.00
23) Nitrobenzene-d5	7.369	82	533944	89.842	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	171464	96.646	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	946890	83.719	ng	0.00
79) Terphenyl-d14	12.933	244	1176018	88.872	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	75912	34.978	ng	99
3) Pyridine	3.428	79	176220	42.877	ng	96
4) n-Nitrosodimethylamine	3.398	42	96751	42.914	ng	90
6) Aniline	6.469	93	231278	35.085	ng	99
8) 2-Chlorophenol	6.586	128	217799	47.629	ng	98
9) Benzaldehyde	6.351	77	72038	32.110	ng	93
10) Phenol	6.451	94	301900	47.488	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	205540	43.828	ng	96
12) 1,3-Dichlorobenzene	6.739	146	236491	43.583	ng	95
13) 1,4-Dichlorobenzene	6.822	146	237372	42.452	ng	98
14) 1,2-Dichlorobenzene	6.969	146	234174	44.662	ng	98
15) Benzyl Alcohol	6.945	79	213626	49.669	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	340727	41.243	ng	95
17) 2-Methylphenol	7.057	107	186381	47.736	ng	98
18) Hexachloroethane	7.310	117	88311	44.206	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	184528	45.022	ng	91
20) 3+4-Methylphenols	7.210	107	233284	48.831	ng	90
22) Acetophenone	7.216	105	328900	46.534	ng	98
24) Nitrobenzene	7.386	77	266210	46.915	ng	96
25) Isophorone	7.622	82	500427	45.042	ng	99
26) 2-Nitrophenol	7.698	139	99039	46.214	ng	97
27) 2,4-Dimethylphenol	7.739	122	191815	62.076	ng	95
28) bis(2-Chloroethoxy)met...	7.839	93	277637	47.437	ng	99
29) 2,4-Dichlorophenol	7.939	162	188523	50.685	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	216838	44.731	ng	99
31) Naphthalene	8.104	128	639401	44.796	ng	99
32) Benzoic acid	7.869	122	91597	51.714	ng	98
33) 4-Chloroaniline	8.151	127	98837	20.674	ng	98
34) Hexachlorobutadiene	8.222	225	141225	44.130	ng	99
35) Caprolactam	8.527	113	57401m	46.731	ng	
36) 4-Chloro-3-methylphenol	8.639	107	222649	48.876	ng	97
37) 2-Methylnaphthalene	8.792	142	437423	45.081	ng	100
38) 1-Methylnaphthalene	8.892	142	412896	45.330	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	226269	42.874	ng	99
41) Hexachlorocyclopentadiene	8.945	237	298246	119.692	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	144444	48.558	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	151245	49.164	ng	#	92
46) 1,1'-Biphenyl	9.263	154	552238	44.207	ng		100
47) 2-Chloronaphthalene	9.286	162	416808	45.157	ng		99
48) 2-Nitroaniline	9.380	65	145186	49.655	ng		95
49) Acenaphthylene	9.698	152	637990	42.747	ng		99
50) Dimethylphthalate	9.569	163	503064	45.576	ng		99
51) 2,6-Dinitrotoluene	9.627	165	110423	48.521	ng		93
52) Acenaphthene	9.874	154	402932	45.391	ng		97
53) 3-Nitroaniline	9.798	138	64759	29.518	ng		99
54) 2,4-Dinitrophenol	9.904	184	90376	85.167	ng		92
55) Dibenzofuran	10.045	168	618085	44.355	ng		98
56) 4-Nitrophenol	9.963	139	165613	102.265	ng		92
57) 2,4-Dinitrotoluene	10.033	165	145784	50.199	ng		99
58) Fluorene	10.392	166	477973	43.636	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	139066m	45.894	ng		
60) Diethylphthalate	10.274	149	502799	45.903	ng		100
61) 4-Chlorophenyl-phenyle...	10.386	204	237816	43.503	ng		96
62) 4-Nitroaniline	10.422	138	100110	48.109	ng		98
63) Azobenzene	10.545	77	523297	43.863	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	65982	44.163	ng		87
66) n-Nitrosodiphenylamine	10.510	169	435284	46.247	ng		98
67) 4-Bromophenyl-phenylether	10.880	248	160305	45.921	ng		95
68) Hexachlorobenzene	10.939	284	172982	44.823	ng	#	90
69) Atrazine	11.045	200	160779	49.476	ng		97
70) Pentachlorophenol	11.133	266	204229	95.599	ng		98
71) Phenanthrene	11.357	178	748377	45.604	ng		99
72) Anthracene	11.410	178	764439	45.137	ng		100
73) Carbazole	11.568	167	664791	46.350	ng		99
74) Di-n-butylphthalate	11.910	149	774901	47.305	ng		99
75) Fluoranthene	12.551	202	798773	45.343	ng		98
77) Benzidine	12.680	184	150173	39.699	ng		98
78) Pyrene	12.780	202	811848	47.514	ng		99
80) Butylbenzylphthalate	13.415	149	252941	48.527	ng		99
81) Benzo(a)anthracene	13.974	228	617231	46.520	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	138029	37.221	ng		100
83) Chrysene	14.015	228	596008	45.079	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	334877	55.308	ng	#	97
85) Di-n-octyl phthalate	14.604	149	491651	54.254	ng		98
87) Indeno(1,2,3-cd)pyrene	16.986	276	547703	49.430	ng		100
88) Benzo(b)fluoranthene	15.039	252	503808	46.512	ng		99
89) Benzo(k)fluoranthene	15.068	252	532609	48.710	ng		98
90) Benzo(a)pyrene	15.409	252	444586	45.502	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	448428	50.622	ng		98
92) Benzo(g,h,i)perylene	17.439	276	448388	51.903	ng		98

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

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