Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
Data File : BF137228.D
Acq On : 01 Feb 2024 13:17
Operator : CG\JU
Sample : PB158741BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 01 13:38:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB158741BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	63166	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	248660	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	150570	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	299362	20.000	ng	0.00
76) Chrysene-d12	13.974	240	163800	20.000	ng	0.00
86) Perylene-d12	15.457	264	158882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	538079	140.562	ng	0.03
7) Phenol-d6	6.439	99	724605	132.638	ng	0.01
23) Nitrobenzene-d5	7.363	82	485965	87.499	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	234513	137.911	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	873759	79.772	ng	0.00
79) Terphenyl-d14	12.921	244	1056330	87.669	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	67081	32.750	ng	97
3) Pyridine	3.416	79	154522	37.941	ng	97
4) n-Nitrosodimethylamine	3.387	42	88791	43.226	ng	95
6) Aniline	6.463	93	175357	29.985	ng	94
8) 2-Chlorophenol	6.581	128	196618	45.936	ng	98
9) Benzaldehyde	6.351	77	42948	20.643	ng	96
10) Phenol	6.451	94	269750	44.236	ng	99
11) bis(2-Chloroethyl)ether	6.539	93	182446	44.770	ng	96
12) 1,3-Dichlorobenzene	6.739	146	211442	42.133	ng	97
13) 1,4-Dichlorobenzene	6.816	146	210481	40.555	ng	98
14) 1,2-Dichlorobenzene	6.963	146	204523	42.147	ng	99
15) Benzyl Alcohol	6.939	79	195171	50.287	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.069	45	293721	40.011	ng	99
17) 2-Methylphenol	7.051	107	166322	46.512	ng	99
18) Hexachloroethane	7.304	117	78991	42.199	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	160277	42.789	ng	97
20) 3+4-Methylphenols	7.204	107	211221	46.660	ng	97
22) Acetophenone	7.204	105	296489	44.290	ng	96
24) Nitrobenzene	7.381	77	237229	44.008	ng	96
25) Isophorone	7.616	82	436391	42.568	ng	99
26) 2-Nitrophenol	7.692	139	98888	47.415	ng	91
27) 2,4-Dimethylphenol	7.734	122	140288	47.877	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	242122	44.475	ng	99
29) 2,4-Dichlorophenol	7.934	162	171321	47.131	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	192347	42.600	ng	99
31) Naphthalene	8.098	128	574122	42.708	ng	99
32) Benzoic acid	7.869	122	111964	53.034	ng	97
33) 4-Chloroaniline	8.145	127	50398	10.899	ng	98
34) Hexachlorobutadiene	8.216	225	127158	42.354	ng	96
35) Caprolactam	8.522	113	55644m	49.230	ng	
36) 4-Chloro-3-methylphenol	8.633	107	198337	46.196	ng	95
37) 2-Methylnaphthalene	8.786	142	387434	42.989	ng	99
38) 1-Methylnaphthalene	8.886	142	372257	44.471	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	211347	41.949	ng	98
41) Hexachlorocyclopentadiene	8.939	237	266061	110.876	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	134847	47.188	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.110	196	143357	45.895	ng	96
46)	1,1'-Biphenyl	9.257	154	506581	42.286	ng	98
47)	2-Chloronaphthalene	9.280	162	373844	42.167	ng	99
48)	2-Nitroaniline	9.375	65	138575	48.292	ng	94
49)	Acenaphthylene	9.692	152	612111	43.127	ng	100
50)	Dimethylphthalate	9.563	163	452686	44.503	ng	99
51)	2,6-Dinitrotoluene	9.622	165	105870	48.808	ng	90
52)	Acenaphthene	9.869	154	358340	42.958	ng	99
53)	3-Nitroaniline	9.792	138	49700	25.461	ng	93
54)	2,4-Dinitrophenol	9.898	184	113203	111.857	ng	89
55)	Dibenzofuran	10.039	168	576203	43.417	ng	100
56)	4-Nitrophenol	9.957	139	151692	116.168	ng	99
57)	2,4-Dinitrotoluene	10.027	165	139021	49.395	ng	92
58)	Fluorene	10.386	166	453249	43.564	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.157	232	134240m	46.188	ng	
60)	Diethylphthalate	10.263	149	460205	45.948	ng	99
61)	4-Chlorophenyl-phenyle...	10.380	204	226097	43.720	ng	97
62)	4-Nitroaniline	10.416	138	95403m	51.061	ng	
63)	Azobenzene	10.539	77	478555	43.142	ng	96
65)	4,6-Dinitro-2-methylph...	10.433	198	80211	50.289	ng	86
66)	n-Nitrosodiphenylamine	10.498	169	397021	43.617	ng	98
67)	4-Bromophenyl-phenylether	10.869	248	146176	44.407	ng	95
68)	Hexachlorobenzene	10.927	284	157360	42.799	ng	99
69)	Atrazine	11.033	200	136671	45.484	ng	97
70)	Pentachlorophenol	11.127	266	210838	100.033	ng	95
71)	Phenanthrene	11.351	178	682412	43.543	ng	99
72)	Anthracene	11.404	178	692409	42.388	ng	99
73)	Carbazole	11.557	167	600723	44.004	ng	98
74)	Di-n-butylphthalate	11.898	149	708325	48.000	ng	99
75)	Fluoranthene	12.539	202	705197	43.002	ng	99
77)	Benzidine	12.668	184	156773	53.450	ng	98
78)	Pyrene	12.768	202	708312	44.997	ng	98
80)	Butylbenzylphthalate	13.404	149	220206	54.685	ng	97
81)	Benzo(a)anthracene	13.963	228	512653	44.192	ng	100
82)	3,3'-Dichlorobenzidine	13.933	252	106290	33.630	ng	99
83)	Chrysene	14.004	228	500046	43.845	ng	99
84)	Bis(2-ethylhexyl)phtha...	13.968	149	265669	56.708	ng	99
85)	Di-n-octyl phthalate	14.586	149	417043	55.986	ng	98
87)	Indeno(1,2,3-cd)pyrene	16.956	276	490189	43.914	ng	99
88)	Benzo(b)fluoranthene	15.021	252	445032	45.546	ng	99
89)	Benzo(k)fluoranthene	15.057	252	431040	41.700	ng	98
90)	Benzo(a)pyrene	15.392	252	398255	43.311	ng	99
91)	Dibenzo(a,h)anthracene	16.986	278	404165	45.188	ng	98
92)	Benzo(g,h,i)perylene	17.415	276	382050	43.521	ng	98

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

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