Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
Data File : BF132364.D
Acq On : 08 Feb 2023 19:06
Operator : CG\JU
Sample : 01418-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

Quant Time: Feb 09 02:01:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.048	152	160677	20.000	ng		0.00
21) Naphthalene-d8	8.337	136	623567	20.000	ng	#	0.00
39) Acenaphthene-d10	10.101	164	300861	20.000	ng		0.00
64) Phenanthrene-d10	11.595	188	475426	20.000	ng		0.00
76) Chrysene-d12	14.254	240	281991	20.000	ng		0.00
86) Perylene-d12	15.824	264	239288	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.690	112	1290678	129.118	ng		0.03
7) Phenol-d6	6.672	99	1480575	120.140	ng		0.00
23) Nitrobenzene-d5	7.613	82	1005149	89.700	ng		0.00
42) 2,4,6-Tribromophenol	10.895	330	480335	155.250	ng		0.00
45) 2-Fluorobiphenyl	9.413	172	1812421	93.027	ng		0.00
79) Terphenyl-d14	13.189	244	1586233	108.813	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.160	88	198000	42.096	ng		95
3) Pyridine	3.843	79	397280	31.134	ng		96
4) n-Nitrosodimethylamine	3.790	42	169193	41.438	ng		96
6) Aniline	6.713	93	269734m	16.129	ng		
8) 2-Chlorophenol	6.831	128	544471	52.590	ng		97
9) Benzaldehyde	6.601	77	149038	18.171	ng		95
10) Phenol	6.684	94	521984	40.922	ng		99
11) bis(2-Chloroethyl)ether	6.778	93	513677	48.932	ng		95
12) 1,3-Dichlorobenzene	6.990	146	530831	48.478	ng		98
13) 1,4-Dichlorobenzene	7.066	146	542099	49.597	ng		99
14) 1,2-Dichlorobenzene	7.219	146	523699	51.376	ng		98
15) Benzyl Alcohol	7.184	79	419280	46.627	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.319	45	460497	41.635	ng		93
17) 2-Methylphenol	7.290	107	412558	45.523	ng		99
18) Hexachloroethane	7.560	117	197103	48.070	ng		97
19) n-Nitroso-di-n-propyla...	7.460	70	296869	42.409	ng		96
20) 3+4-Methylphenols	7.443	107	501545	43.360	ng		93
22) Acetophenone	7.454	105	681574	46.478	ng		98
24) Nitrobenzene	7.631	77	495195	43.256	ng		97
25) Isophorone	7.872	82	935324	43.977	ng		95
26) 2-Nitrophenol	7.948	139	289798	51.971	ng	#	91
27) 2,4-Dimethylphenol	7.978	122	479768	49.155	ng		99
28) bis(2-Chloroethoxy)met...	8.072	93	601815	46.045	ng		99
29) 2,4-Dichlorophenol	8.190	162	432541	49.916	ng		97
30) 1,2,4-Trichlorobenzene	8.272	180	474075	51.089	ng		98
31) Naphthalene	8.360	128	1421539	46.313	ng		99
32) Benzoic acid	8.090	122	326595	45.206	ng		91
33) 4-Chloroaniline	8.401	127	81046	5.955	ng		97
34) Hexachlorobutadiene	8.472	225	277522	53.199	ng		98
35) Caprolactam	8.778	113	123238m	41.717	ng		
36) 4-Chloro-3-methylphenol	8.878	107	448680	48.062	ng		98
37) 2-Methylnaphthalene	9.048	142	951307	45.756	ng		99
38) 1-Methylnaphthalene	9.148	142	883495	45.727	ng		100
40) 1,2,4,5-Tetrachloroben...	9.219	216	451042	53.273	ng		99
41) Hexachlorocyclopentadiene	9.201	237	340690	68.970	ng		99
43) 2,4,6-Trichlorophenol	9.325	196	315280	52.094	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.372	196	338279	48.562	ng		97
46)	1,1'-Biphenyl	9.519	154	1137939	49.060	ng		97
47)	2-Chloronaphthalene	9.542	162	888138	50.273	ng		99
48)	2-Nitroaniline	9.636	65	218400	41.568	ng	#	79
49)	Acenaphthylene	9.966	152	1355474	47.012	ng		99
50)	Dimethylphthalate	9.813	163	1080961	51.363	ng		99
51)	2,6-Dinitrotoluene	9.878	165	238272	50.694	ng	#	84
52)	Acenaphthene	10.136	154	896981	49.692	ng		100
53)	3-Nitroaniline	10.048	138	157992	27.718	ng		91
54)	2,4-Dinitrophenol	10.154	184	171506	63.870	ng	#	86
55)	Dibenzofuran	10.307	168	1179954	46.524	ng		99
56)	4-Nitrophenol	10.201	139	334361	77.953	ng		94
57)	2,4-Dinitrotoluene	10.284	165	305429	50.024	ng		89
58)	Fluorene	10.654	166	900882	46.155	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.419	232	255666	50.345	ng		97
60)	Diethylphthalate	10.513	149	1055581	50.419	ng		99
61)	4-Chlorophenyl-phenyle...	10.642	204	449705	48.547	ng		98
62)	4-Nitroaniline	10.666	138	215970	39.512	ng		95
63)	Azobenzene	10.801	77	820620	40.240	ng		94
65)	4,6-Dinitro-2-methylph...	10.689	198	113315	41.995	ng		100
66)	n-Nitrosodiphenylamine	10.760	169	801857	53.862	ng		99
67)	4-Bromophenyl-phenylether	11.131	248	277254	56.951	ng		95
68)	Hexachlorobenzene	11.201	284	301453	57.933	ng		95
69)	Atrazine	11.283	200	243126	56.778	ng		99
70)	Pentachlorophenol	11.395	266	312684	87.458	ng		99
71)	Phenanthrene	11.619	178	1198486	48.241	ng		99
72)	Anthracene	11.672	178	1219031	48.215	ng		100
73)	Carbazole	11.825	167	1035932	45.696	ng		100
74)	Di-n-butylphthalate	12.148	149	1432056	53.432	ng		99
75)	Fluoranthene	12.819	202	1066915	42.083	ng		98
77)	Benzidine	12.930	184	153171	15.537	ng		99
78)	Pyrene	13.048	202	1076074	47.444	ng		99
80)	Butylbenzylphthalate	13.660	149	516127	51.506	ng		93
81)	Benzo(a)anthracene	14.242	228	985638	49.974	ng		100
82)	3,3'-Dichlorobenzidine	14.201	252	245623	39.101	ng		99
83)	Chrysene	14.283	228	913752	49.477	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.213	149	722027	53.307	ng		100
85)	Di-n-octyl phthalate	14.848	149	1191931	53.953	ng	#	96
87)	Indeno(1,2,3-cd)pyrene	17.454	276	713497	44.875	ng		97
88)	Benzo(b)fluoranthene	15.354	252	870508	57.232	ng		98
89)	Benzo(k)fluoranthene	15.389	252	807217	55.599	ng		98
90)	Benzo(a)pyrene	15.760	252	678713	47.919	ng		98
91)	Dibenzo(a,h)anthracene	17.471	278	598132	46.790	ng		99
92)	Benzo(g,h,i)perylene	17.954	276	564570	42.750	ng		95

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

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