Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102022\
Data File : BF130734.D
Acq On : 20 Oct 2022 18:46
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Quant Time: Oct 21 06:19:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.563	152	78268	20.000	ng		0.00
21) Naphthalene-d8	7.845	136	309951	20.000	ng		0.00
39) Acenaphthene-d10	9.592	164	174629	20.000	ng		0.00
64) Phenanthrene-d10	11.075	188	311220	20.000	ng		0.00
76) Chrysene-d12	13.704	240	205684	20.000	ng		0.00
86) Perylene-d12	15.080	264	182246	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	398310	87.756	ng		0.00
7) Phenol-d6	6.222	99	452448	82.389	ng		0.00
23) Nitrobenzene-d5	7.140	82	449647	76.957	ng		0.00
42) 2,4,6-Tribromophenol	10.386	330	147472	88.800	ng		0.00
45) 2-Fluorobiphenyl	8.922	172	936921	81.762	ng		0.00
79) Terphenyl-d14	12.657	244	1200679	98.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.116	88	106003	39.254	ng		98
3) Pyridine	2.775	79	239551	46.013	ng		97
4) n-Nitrosodimethylamine	2.752	42	102170	44.172	ng		97
6) Aniline	6.234	93	272772	43.112	ng		94
8) 2-Chlorophenol	6.351	128	215625	41.057	ng		98
9) Benzaldehyde	6.122	77	123391	38.483	ng		99
10) Phenol	6.234	94	258712	42.731	ng		80
11) bis(2-Chloroethyl)ether	6.310	93	185100	41.162	ng		99
12) 1,3-Dichlorobenzene	6.498	146	235002	41.191	ng		98
13) 1,4-Dichlorobenzene	6.581	146	238915	40.714	ng		98
14) 1,2-Dichlorobenzene	6.734	146	222489	40.130	ng		99
15) Benzyl Alcohol	6.728	79	169907	42.179	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.845	45	223661	38.775	ng	#	61
17) 2-Methylphenol	6.845	107	170931	39.563	ng		99
18) Hexachloroethane	7.069	117	87186	39.781	ng		97
19) n-Nitroso-di-n-propyla...	6.992	70	145896	39.317	ng		99
20) 3+4-Methylphenols	6.998	107	233917	41.308	ng		99
22) Acetophenone	6.987	105	294260	38.918	ng		99
24) Nitrobenzene	7.157	77	227637	38.299	ng		99
25) Isophorone	7.398	82	380943	39.571	ng		100
26) 2-Nitrophenol	7.475	139	118164	39.652	ng		100
27) 2,4-Dimethylphenol	7.522	122	161900	40.154	ng		98
28) bis(2-Chloroethoxy)met...	7.610	93	217272	38.963	ng		99
29) 2,4-Dichlorophenol	7.722	162	186517	41.952	ng		98
30) 1,2,4-Trichlorobenzene	7.792	180	198316	42.476	ng		98
31) Naphthalene	7.869	128	654845	40.975	ng		100
32) Benzoic acid	7.698	122	85699m	38.130	ng		
33) 4-Chloroaniline	7.934	127	258088	41.976	ng		99
34) Hexachlorobutadiene	7.981	225	122060	41.120	ng		97
35) Caprolactam	8.322	113	59163	42.578	ng		93
36) 4-Chloro-3-methylphenol	8.428	107	197838	41.173	ng		97
37) 2-Methylnaphthalene	8.557	142	428358	40.909	ng		100
38) 1-Methylnaphthalene	8.657	142	423938	40.836	ng		98
40) 1,2,4,5-Tetrachloroben...	8.722	216	195523	42.194	ng		99
41) Hexachlorocyclopentadiene	8.704	237	16768	41.994	ng		94
43) 2,4,6-Trichlorophenol	8.845	196	121921	41.805	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	8.898	196	135909	42.850	ng	97
46)	1,1'-Biphenyl	9.022	154	509287	41.813	ng	99
47)	2-Chloronaphthalene	9.045	162	413453	40.818	ng	100
48)	2-Nitroaniline	9.157	65	129308	41.591	ng	88
49)	Acenaphthylene	9.457	152	630843	42.268	ng	100
50)	Dimethylphthalate	9.334	163	501708	42.712	ng	100
51)	2,6-Dinitrotoluene	9.404	165	111486	42.383	ng	97
52)	Acenaphthene	9.628	154	381608	41.136	ng	97
53)	3-Nitroaniline	9.575	138	122632	40.915	ng	96
54)	2,4-Dinitrophenol	9.698	184	39456	41.616	ng	97
55)	Dibenzofuran	9.798	168	591215	41.405	ng	100
56)	4-Nitrophenol	9.769	139	29430	43.114	ng	92
57)	2,4-Dinitrotoluene	9.810	165	149797	42.276	ng	98
58)	Fluorene	10.139	166	487119	41.019	ng	100
59)	2,3,4,6-Tetrachlorophenol	9.928	232	108642	43.085	ng	95
60)	Diethylphthalate	10.028	149	490658	40.486	ng	100
61)	4-Chlorophenyl-phenyle...	10.133	204	222641	41.829	ng	91
62)	4-Nitroaniline	10.192	138	118880	41.814	ng	100
63)	Azobenzene	10.298	77	451111	42.394	ng	99
65)	4,6-Dinitro-2-methylph...	10.216	198	79443	42.710	ng	84
66)	n-Nitrosodiphenylamine	10.263	169	411763	38.380	ng	99
67)	4-Bromophenyl-phenylether	10.622	248	146334	39.090	ng	98
68)	Hexachlorobenzene	10.686	284	169311	39.569	ng	99
69)	Atrazine	10.792	200	122514	41.235	ng	99
70)	Pentachlorophenol	10.898	266	34784	42.665	ng	95
71)	Phenanthrene	11.098	178	702542	41.165	ng	99
72)	Anthracene	11.151	178	696285	40.884	ng	100
73)	Carbazole	11.316	167	638482	40.605	ng	99
74)	Di-n-butylphthalate	11.639	149	762199	39.411	ng	98
75)	Fluoranthene	12.280	202	853179	49.450	ng	100
77)	Benzidine	12.416	184	107785	28.892	ng	98
78)	Pyrene	12.510	202	825565	47.818	ng	99
80)	Butylbenzylphthalate	13.133	149	328649	47.974	ng	98
81)	Benzo(a)anthracene	13.698	228	567017	41.257	ng	99
82)	3,3'-Dichlorobenzidine	13.663	252	150300	37.659	ng	99
83)	Chrysene	13.733	228	545453	40.962	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.686	149	343245	42.296	ng	100
85)	Di-n-octyl phthalate	14.298	149	518237	48.438	ng	100
87)	Indeno(1,2,3-cd)pyrene	16.374	276	482494	36.914	ng	99
88)	Benzo(b)fluoranthene	14.704	252	448231	36.939	ng	98
89)	Benzo(k)fluoranthene	14.727	252	472868	38.788	ng	99
90)	Benzo(a)pyrene	15.027	252	396152	40.647	ng	99
91)	Dibenzo(a,h)anthracene	16.380	278	394810	36.555	ng	98
92)	Benzo(g,h,i)perylene	16.757	276	394442	36.414	ng	99

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

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