Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140396.D
Acq On : 15 Nov 2024 11:59
Operator : RC/JU
Sample : P4799-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 15 12:33:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-CMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/18/2024
Supervised By :mohammad ahmed
11/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	128310	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	473415	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	258557	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	469954	20.000	ng		0.00
76) Chrysene-d12	14.057	240	243203	20.000	ng		0.00
86) Perylene-d12	15.562	264	274861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	930266	123.788	ng		0.04
7) Phenol-d6	6.528	99	1244288	122.209	ng		0.02
23) Nitrobenzene-d5	7.439	82	801450	88.205	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	349198	135.814	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1413909	87.908	ng		0.00
79) Terphenyl-d14	12.986	244	1428929	101.986	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	109648	32.736	ng	#	85
3) Pyridine	3.534	79	212653	25.825	ng		100
4) n-Nitrosodimethylamine	3.463	42	160410	38.545	ng		99
6) Aniline	6.545	93	170841	19.289	ng	#	1
8) 2-Chlorophenol	6.669	128	352104	43.618	ng		98
9) Benzaldehyde	6.428	77	17755	2.910	ng		98
10) Phenol	6.539	94	453592	42.244	ng		89
11) bis(2-Chloroethyl)ether	6.610	93	329275	40.473	ng		99
12) 1,3-Dichlorobenzene	6.816	146	284732	31.968	ng		99
13) 1,4-Dichlorobenzene	6.892	146	290790	32.198	ng		99
14) 1,2-Dichlorobenzene	7.045	146	284261	33.905	ng		99
15) Benzyl Alcohol	7.022	79	336567	45.882	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	417190	37.124	ng	#	36
17) 2-Methylphenol	7.139	107	290813	43.792	ng	#	92
18) Hexachloroethane	7.386	117	103138	30.891	ng		99
19) n-Nitroso-di-n-propyla...	7.286	70	254569	41.398	ng		99
20) 3+4-Methylphenols	7.292	107	387426	46.651	ng	#	89
22) Acetophenone	7.281	105	477674	43.383	ng		96
24) Nitrobenzene	7.457	77	382074	40.387	ng		99
25) Isophorone	7.698	82	708924	44.023	ng		99
26) 2-Nitrophenol	7.775	139	187793	44.733	ng		98
27) 2,4-Dimethylphenol	7.816	122	301806m	56.154	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	427720	43.317	ng		99
29) 2,4-Dichlorophenol	8.022	162	311386	46.879	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	279323	37.771	ng		100
31) Naphthalene	8.180	128	1385624	57.697	ng		99
32) Benzoic acid	7.939	122	238110	50.348	ng		99
33) 4-Chloroaniline	8.228	127	113976	13.647	ng		98
34) Hexachlorobutadiene	8.292	225	172225	36.552	ng		99
35) Caprolactam	8.598	113	97138m	44.000	ng		
36) 4-Chloro-3-methylphenol	8.722	107	353070	47.965	ng		98
37) 2-Methylnaphthalene	8.869	142	731461	47.500	ng		100
38) 1-Methylnaphthalene	8.969	142	711529	47.185	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	315570	44.136	ng		99
41) Hexachlorocyclopentadiene	9.022	237	236048	128.582	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	233161	49.691	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	250259	48.782	ng	98
46)	1,1'-Biphenyl	9.333	154	874477	46.490	ng	100
47)	2-Chloronaphthalene	9.357	162	637327	44.479	ng	99
48)	2-Nitroaniline	9.457	65	238433	50.176	ng	98
49)	Acenaphthylene	9.774	152	1081187	49.872	ng	100
50)	Dimethylphthalate	9.633	163	816152	48.428	ng	100
51)	2,6-Dinitrotoluene	9.698	165	176893	46.041	ng	99
52)	Acenaphthene	9.951	154	836684	57.140	ng	100
53)	3-Nitroaniline	9.869	138	109842	27.223	ng	100
54)	2,4-Dinitrophenol	9.980	184	147946	74.672	ng	98
55)	Dibenzofuran	10.122	168	1009731	48.712	ng	99
56)	4-Nitrophenol	10.051	139	282532	95.998	ng	97
57)	2,4-Dinitrotoluene	10.104	165	243928	48.240	ng	99
58)	Fluorene	10.463	166	824899	50.375	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	207466	51.217	ng	99
60)	Diethylphthalate	10.333	149	799467	46.392	ng	99
61)	4-Chlorophenyl-phenyle...	10.451	204	374044	46.268	ng	99
62)	4-Nitroaniline	10.486	138	182922	44.338	ng	100
63)	Azobenzene	10.616	77	790240	46.410	ng	100
65)	4,6-Dinitro-2-methylph...	10.516	198	106586	42.155	ng	95
66)	n-Nitrosodiphenylamine	10.574	169	685425	50.478	ng	99
67)	4-Bromophenyl-phenylether	10.945	248	227387	48.404	ng	99
68)	Hexachlorobenzene	11.016	284	252960	47.858	ng	96
69)	Atrazine	11.104	200	211102	51.386	ng	99
70)	Pentachlorophenol	11.216	266	270721	95.084	ng	99
71)	Phenanthrene	11.427	178	1191227	53.960	ng	100
72)	Anthracene	11.480	178	1115636	51.563	ng	99
73)	Carbazole	11.639	167	1014805	47.502	ng	100
74)	Di-n-butylphthalate	11.957	149	1210804	47.221	ng	100
75)	Fluoranthene	12.621	202	1084177	43.774	ng	99
77)	Benzidine	12.739	184	89328	9.570	ng	99
78)	Pyrene	12.851	202	1088666	52.333	ng	100
80)	Butylbenzylphthalate	13.462	149	415204	51.956	ng	96
81)	Benzo(a)anthracene	14.045	228	796132	49.808	ng	100
82)	3,3'-Dichlorobenzidine	14.004	252	210763	41.485	ng	100
83)	Chrysene	14.080	228	734276	50.348	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.021	149	540034	50.628	ng	100
85)	Di-n-octyl phthalate	14.662	149	827956	55.113	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.074	276	714721	42.095	ng	100
88)	Benzo(b)fluoranthene	15.127	252	781788	43.481	ng	99
89)	Benzo(k)fluoranthene	15.156	252	749028	50.994	ng	99
90)	Benzo(a)pyrene	15.498	252	724190	51.866	ng	99
91)	Dibenzo(a,h)anthracene	17.086	278	600026	42.753	ng	99
92)	Benzo(g,h,i)perylene	17.527	276	499549	34.816	ng	99

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

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