Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136285.D
Acq On : 29 Nov 2023 16:00
Operator : CG\JU
Sample : PB157073BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 29 16:33:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157073BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	136499	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	579836	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	300931	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	552105	20.000	ng		0.00
76) Chrysene-d12	13.986	240	269199	20.000	ng		0.00
86) Perylene-d12	15.468	264	262179	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	829450	84.577	ng		0.01
7) Phenol-d6	6.446	99	1012142	82.540	ng		0.00
23) Nitrobenzene-d5	7.369	82	959846	87.475	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	324879	88.303	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2016282	85.581	ng		0.00
79) Terphenyl-d14	12.933	244	2190942	93.879	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	133433	35.959	ng		98
3) Pyridine	3.434	79	329299	35.950	ng		98
4) n-Nitrosodimethylamine	3.405	42	185896	40.148	ng		98
6) Aniline	6.469	93	432541	37.320	ng		97
8) 2-Chlorophenol	6.593	128	481699	45.110	ng		93
9) Benzaldehyde	6.357	77	60793	8.895	ng		95
10) Phenol	6.457	94	584935	44.463	ng		96
11) bis(2-Chloroethyl)ether	6.546	93	432498	44.814	ng		99
12) 1,3-Dichlorobenzene	6.745	146	508084	41.928	ng		96
13) 1,4-Dichlorobenzene	6.822	146	524761	42.597	ng		97
14) 1,2-Dichlorobenzene	6.975	146	490542	42.061	ng		99
15) Benzyl Alcohol	6.951	79	374548	43.565	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	584579	43.608	ng		99
17) 2-Methylphenol	7.063	107	378383	45.072	ng		100
18) Hexachloroethane	7.316	117	178723	41.361	ng		94
19) n-Nitroso-di-n-propyla...	7.222	70	323679	44.134	ng		98
20) 3+4-Methylphenols	7.216	107	471466	43.212	ng		98
22) Acetophenone	7.216	105	682186	44.797	ng	#	95
24) Nitrobenzene	7.387	77	476218	42.827	ng		99
25) Isophorone	7.628	82	886253	44.793	ng		98
26) 2-Nitrophenol	7.704	139	240554	50.773	ng		92
27) 2,4-Dimethylphenol	7.740	122	350182	56.155	ng		99
28) bis(2-Chloroethoxy)met...	7.840	93	541985	45.287	ng		99
29) 2,4-Dichlorophenol	7.945	162	396109	47.093	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	443931	43.108	ng		98
31) Naphthalene	8.104	128	1448340	44.439	ng		98
32) Benzoic acid	7.875	122	274445	48.290	ng		99
33) 4-Chloroaniline	8.151	127	215592	19.461	ng		97
34) Hexachlorobutadiene	8.222	225	247926	41.151	ng		97
35) Caprolactam	8.534	113	117195m	49.842	ng		
36) 4-Chloro-3-methylphenol	8.640	107	413655	45.345	ng		99
37) 2-Methylnaphthalene	8.798	142	890409	43.553	ng		100
38) 1-Methylnaphthalene	8.898	142	861176	43.180	ng		97
40) 1,2,4,5-Tetrachloroben...	8.963	216	432276	45.136	ng		99
41) Hexachlorocyclopentadiene	8.951	237	506367	137.408	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	283652	45.631	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.122	196	299529	44.154	ng	99
46)	1,1'-Biphenyl	9.263	154	1204368	45.383	ng	99
47)	2-Chloronaphthalene	9.287	162	897383	43.544	ng	98
48)	2-Nitroaniline	9.387	65	249798	46.426	ng	92
49)	Acenaphthylene	9.704	152	1432722	48.715	ng	100
50)	Dimethylphthalate	9.575	163	1043666	45.886	ng	100
51)	2,6-Dinitrotoluene	9.634	165	218050	46.927	ng	95
52)	Acenaphthene	9.881	154	831418	44.735	ng	98
53)	3-Nitroaniline	9.798	138	142771	30.966	ng	100
54)	2,4-Dinitrophenol	9.910	184	230651	106.729	ng	97
55)	Dibenzofuran	10.051	168	1258845	45.518	ng	100
56)	4-Nitrophenol	9.969	139	324274	92.605	ng	96
57)	2,4-Dinitrotoluene	10.039	165	297930	48.000	ng	98
58)	Fluorene	10.398	166	969348	44.685	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.169	232	258746	47.938	ng	99
60)	Diethylphthalate	10.275	149	1023541	44.987	ng	100
61)	4-Chlorophenyl-phenyle...	10.386	204	458549	43.527	ng	94
62)	4-Nitroaniline	10.422	138	210391	46.619	ng	97
63)	Azobenzene	10.551	77	937150	44.430	ng	97
65)	4,6-Dinitro-2-methylph...	10.445	198	150162	49.736	ng	95
66)	n-Nitrosodiphenylamine	10.510	169	851087	48.103	ng	99
67)	4-Bromophenyl-phenylether	10.881	248	298117	46.283	ng	95
68)	Hexachlorobenzene	10.945	284	342926	46.001	ng	98
69)	Atrazine	11.045	200	285867	54.466	ng	99
70)	Pentachlorophenol	11.139	266	375098	89.015	ng	97
71)	Phenanthrene	11.363	178	1495184	48.184	ng	99
72)	Anthracene	11.416	178	1539164	49.462	ng	100
73)	Carbazole	11.569	167	1228815	46.429	ng	99
74)	Di-n-butylphthalate	11.904	149	1633294	49.322	ng	100
75)	Fluoranthene	12.551	202	1440587	45.731	ng	97
77)	Benzidine	12.675	184	247757	55.988	ng	98
78)	Pyrene	12.786	202	1452509	49.268	ng	99
80)	Butylbenzylphthalate	13.410	149	474071	51.667	ng	98
81)	Benzo(a)anthracene	13.974	228	937928	46.908	ng	99
82)	3,3'-Dichlorobenzidine	13.945	252	191198	39.724	ng	94
83)	Chrysene	14.016	228	895353	46.376	ng	99
84)	Bis(2-ethylhexyl)phtha...	13.974	149	544781	49.473	ng	100
85)	Di-n-octyl phthalate	14.592	149	866445	48.399	ng	98
87)	Indeno(1,2,3-cd)pyrene	16.980	276	880006	45.077	ng	100
88)	Benzo(b)fluoranthene	15.033	252	855165	46.491	ng	99
89)	Benzo(k)fluoranthene	15.063	252	728661	41.709	ng	99
90)	Benzo(a)pyrene	15.404	252	700819	46.607	ng	100
91)	Dibenzo(a,h)anthracene	16.998	278	714972	45.600	ng	99
92)	Benzo(g,h,i)perylene	17.439	276	684221	43.535	ng	98

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

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