Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112720\
Data File : BF122497.D
Acq On : 27 Nov 2020 12:31
Operator : JU/CG
Sample : PB133227BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133227BSD

Manual Integrations APPROVED
mohammad
11/30/2020 12:00:24 PM

Quant Time: Nov 27 13:00:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	224562	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	852152	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	450559	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	842259	20.00	ng	0.00
76) Chrysene-d12	14.033	240	735993	20.00	ng	0.00
86) Perylene-d12	15.498	264	701692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1109966	75.90	ng	0.01
7) Phenol-d6	6.493	99	1395047	72.92	ng	0.00
23) Nitrobenzene-d5	7.428	82	1467481	105.43	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	419550	86.76	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2538976	88.05	ng	0.00
79) Terphenyl-d14	12.975	244	3106865	89.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	242773	36.20	ng	89
3) Pyridine	3.469	79	622845	33.77	ng	88
4) n-Nitrosodimethylamine	3.434	42	297251	34.18	ng	87
6) Aniline	6.522	93	712553	28.39	ng	94
8) 2-Chlorophenol	6.646	128	656494	43.29	ng	90
9) Benzaldehyde	6.404	77	91195	6.03	ng	95
10) Phenol	6.510	94	796790	42.29	ng	90
11) bis(2-Chloroethyl)ether	6.593	93	602048	40.20	ng	92
12) 1,3-Dichlorobenzene	6.798	146	695677	40.40	ng	98
13) 1,4-Dichlorobenzene	6.875	146	706430	40.84	ng	98
14) 1,2-Dichlorobenzene	7.028	146	650975	40.33	ng	98
15) Benzyl Alcohol	7.004	79	535964	39.40	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	770800	35.31	ng	93
17) 2-Methylphenol	7.116	107	528274	41.73	ng	99
18) Hexachloroethane	7.375	117	248769	41.30	ng	91
19) n-Nitroso-di-n-propyla...	7.275	70	424137	37.10	ng	94
20) 3+4-Methylphenols	7.269	107	610336	39.18	ng	95
22) Acetophenone	7.269	105	821185	37.00	ng	95
24) Nitrobenzene	7.445	77	667658	41.92	ng	92
25) Isophorone	7.681	82	1153805	37.18	ng	97
26) 2-Nitrophenol	7.757	139	339607	48.96	ng	98
27) 2,4-Dimethylphenol	7.798	122	555052	37.92	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	717527	37.80	ng	99
29) 2,4-Dichlorophenol	8.004	162	545991	42.13	ng	95
30) 1,2,4-Trichlorobenzene	8.087	180	578305	40.43	ng	97
31) Naphthalene	8.169	128	1786236	39.43	ng	99
32) Benzoic acid	7.928	122	358404	44.86	ng	98
33) 4-Chloroaniline	8.210	127	475642	24.11	ng	97
34) Hexachlorobutadiene	8.281	225	339432	41.29	ng	99
35) Caprolactam	8.587	113	172832m	42.08	ng	
36) 4-Chloro-3-methylphenol	8.704	107	569253	42.12	ng	92
37) 2-Methylnaphthalene	8.857	142	1202200	40.17	ng	99
38) 1-Methylnaphthalene	8.957	142	1111525	39.67	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	555554	40.01	ng	99
41) Hexachlorocyclopentadiene	9.016	237	627047	77.24	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	399691	44.33	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	407709	43.13	ng		100
46) 1,1'-Biphenyl	9.322	154	1412498	39.38	ng		99
47) 2-Chloronaphthalene	9.345	162	1133268	39.81	ng		99
48) 2-Nitroaniline	9.445	65	351970	42.21	ng	#	85
49) Acenaphthylene	9.763	152	1766423	40.38	ng		99
50) Dimethylphthalate	9.628	163	1312940	41.00	ng		100
51) 2,6-Dinitrotoluene	9.686	165	313668	44.33	ng	#	82
52) Acenaphthene	9.934	154	1210470m	44.70	ng		
53) 3-Nitroaniline	9.851	138	238136	30.72	ng		93
54) 2,4-Dinitrophenol	9.963	184	296191	90.76	ng		95
55) Dibenzofuran	10.110	168	1585856	39.97	ng		99
56) 4-Nitrophenol	10.022	139	536558	77.03	ng		94
57) 2,4-Dinitrotoluene	10.092	165	423551	47.24	ng	#	83
58) Fluorene	10.451	166	1233995	40.62	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	355910	45.28	ng		97
60) Diethylphthalate	10.322	149	1263401	40.21	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	578365	40.33	ng		96
62) 4-Nitroaniline	10.475	138	334384	42.52	ng		98
63) Azobenzene	10.604	77	1209129	36.69	ng		93
65) 4,6-Dinitro-2-methylph...	10.498	198	207769	54.23	ng		95
66) n-Nitrosodiphenylamine	10.563	169	1125514	39.22	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	401099	40.53	ng		96
68) Hexachlorobenzene	10.998	284	439128	41.06	ng		98
69) Atrazine	11.086	200	314577	44.02	ng		99
70) Pentachlorophenol	11.198	266	517373	83.98	ng		98
71) Phenanthrene	11.416	178	1863547	39.00	ng		99
72) Anthracene	11.463	178	1939622	39.38	ng		99
73) Carbazole	11.622	167	1781956	39.77	ng		99
74) Di-n-butylphthalate	11.951	149	1897006	39.71	ng		100
75) Fluoranthene	12.604	202	2025016	40.59	ng		98
77) Benzidine	12.722	184	806112	39.49	ng		100
78) Pyrene	12.833	202	2043832	39.53	ng		99
80) Butylbenzylphthalate	13.451	149	838512	40.96	ng		90
81) Benzo(a)anthracene	14.021	228	1873345	40.93	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	556471	32.62	ng		100
83) Chrysene	14.057	228	1836617	39.84	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1073264	43.05	ng		99
85) Di-n-octyl phthalate	14.621	149	1916823	45.36	ng		96
87) Indeno(1,2,3-cd)pyrene	16.968	276	1780874	42.30	ng		99
88) Benzo(b)fluoranthene	15.074	252	1939559	42.68	ng		100
89) Benzo(k)fluoranthene	15.104	252	1803951	40.71	ng		99
90) Benzo(a)pyrene	15.439	252	1667374	42.09	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	1452350	41.18	ng		99
92) Benzo(g,h,i)perylene	17.421	276	1468900	42.83	ng		97

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

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