Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
Data File : BF138392.D
Acq On : 28 Jun 2024 17:50
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF062824

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:48:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	179240	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	728052	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	398604	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	636961	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	247381	20.000	ng	0.00
86) Perylene-d12	15.492	264	305372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	854564	79.046	ng	0.00
7) Phenol-d6	6.516	99	1152642	79.147	ng	0.00
23) Nitrobenzene-d5	7.445	82	1117372	79.726	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	256978	78.909	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1857775	74.173	ng	0.00
79) Terphenyl-d14	12.974	244	1460022	80.881	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	206299	40.512	ng	99
3) Pyridine	3.416	79	516390	42.507	ng	98
4) n-Nitrosodimethylamine	3.387	42	306833	40.485	ng	97
6) Aniline	6.539	93	587156	41.314	ng	98
8) 2-Chlorophenol	6.663	128	467693	40.298	ng	97
9) Benzaldehyde	6.428	77	353083	39.281	ng	99
10) Phenol	6.528	94	629511	40.572	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	489802	40.194	ng	99
12) 1,3-Dichlorobenzene	6.816	146	519771	39.108	ng	98
13) 1,4-Dichlorobenzene	6.892	146	520685	39.071	ng	99
14) 1,2-Dichlorobenzene	7.045	146	479382	38.966	ng	99
15) Benzyl Alcohol	7.016	79	426827	40.919	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	980193	39.878	ng	100
17) 2-Methylphenol	7.134	107	387843	40.322	ng	98
18) Hexachloroethane	7.386	117	193729	40.303	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	356886	38.872	ng	98
20) 3+4-Methylphenols	7.286	107	451793	40.426	ng	96
22) Acetophenone	7.286	105	631945	38.260	ng	98
24) Nitrobenzene	7.463	77	569217	39.932	ng	96
25) Isophorone	7.698	82	1021606	39.532	ng	99
26) 2-Nitrophenol	7.775	139	258876	42.103	ng	98
27) 2,4-Dimethylphenol	7.810	122	315500	40.093	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	618996	39.794	ng	99
29) 2,4-Dichlorophenol	8.016	162	402646	39.838	ng	95
30) 1,2,4-Trichlorobenzene	8.098	180	450213	38.311	ng	100
31) Naphthalene	8.181	128	1424815	38.712	ng	100
32) Benzoic acid	7.939	122	287431m	40.648	ng	
33) 4-Chloroaniline	8.228	127	513792	39.971	ng	98
34) Hexachlorobutadiene	8.292	225	269800	38.239	ng	99
35) Caprolactam	8.610	113	131989	41.355	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	426505	39.617	ng	99
37) 2-Methylnaphthalene	8.869	142	923210	38.812	ng	99
38) 1-Methylnaphthalene	8.969	142	892195	38.675	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	423320	38.395	ng	98
41) Hexachlorocyclopentadiene	9.016	237	118404	36.484	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	279187	39.795	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	299283	39.225	ng	99
46) 1,1'-Biphenyl	9.333	154	1134536	38.120	ng	100
47) 2-Chloronaphthalene	9.357	162	871840	38.420	ng	98
48) 2-Nitroaniline	9.457	65	299840	40.962	ng	97
49) Acenaphthylene	9.775	152	1238418	38.805	ng	99
50) Dimethylphthalate	9.633	163	984897	38.446	ng	99
51) 2,6-Dinitrotoluene	9.698	165	229757	40.045	ng	97
52) Acenaphthene	9.945	154	857303	39.231	ng	100
53) 3-Nitroaniline	9.869	138	232560	41.041	ng	94
54) 2,4-Dinitrophenol	9.969	184	82592	39.165	ng	94
55) Dibenzofuran	10.116	168	1168231	38.801	ng	98
56) 4-Nitrophenol	10.027	139	153249	41.711	ng	90
57) 2,4-Dinitrotoluene	10.098	165	291961	41.329	ng	97
58) Fluorene	10.457	166	875455	36.593	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	229176	40.439	ng	99
60) Diethylphthalate	10.333	149	929784	38.820	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	444844	36.647	ng	98
62) 4-Nitroaniline	10.480	138	212497	40.856	ng	98
63) Azobenzene	10.610	77	994313	39.309	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	133811	40.294	ng	77
66) n-Nitrosodiphenylamine	10.569	169	762078	38.539	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	266460	38.919	ng	98
68) Hexachlorobenzene	11.004	284	282790	37.474	ng	100
69) Atrazine	11.098	200	229091	41.320	ng	99
70) Pentachlorophenol	11.198	266	159276	41.586	ng	99
71) Phenanthrene	11.422	178	1206111	38.783	ng	99
72) Anthracene	11.474	178	1199641	38.680	ng	99
73) Carbazole	11.627	167	1014134	39.386	ng	100
74) Di-n-butylphthalate	11.951	149	1306792	40.048	ng	99
75) Fluoranthene	12.604	202	1097706	39.371	ng	97
77) Benzidine	12.727	184	19881	10.050	ng	97
78) Pyrene	12.833	202	1071181	40.514	ng	99
80) Butylbenzylphthalate	13.451	149	343803	42.732	ng	96
81) Benzo(a)anthracene	14.015	228	624892	39.245	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	175596	37.352	ng	98
83) Chrysene	14.057	228	610375	39.395	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	416031	41.233	ng	99
85) Di-n-octyl phthalate	14.615	149	704837	39.910	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	609621	39.731	ng	99
88) Benzo(b)fluoranthene	15.062	252	685961	40.942	ng	97
89) Benzo(k)fluoranthene	15.092	252	614875	39.844	ng	98
90) Benzo(a)pyrene	15.433	252	591799	40.298	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	493822	39.872	ng	99
92) Benzo(g,h,i)perylene	17.409	276	481544	39.744	ng	99

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

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