Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139172.D
Acq On : 26 Aug 2024 20:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082724

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 03:03:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	118682	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	427062	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	235078	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	398437	20.000	ng	0.00
76) Chrysene-d12	14.051	240	192006	20.000	ng	0.00
86) Perylene-d12	15.521	264	215962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	610620	86.455	ng	0.00
7) Phenol-d6	6.522	99	808284	83.387	ng	0.00
23) Nitrobenzene-d5	7.457	82	746876	96.888	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	187260	93.010	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1218667	80.528	ng	0.00
79) Terphenyl-d14	12.998	244	1055290	85.758	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	133892	40.086	ng	99
3) Pyridine	3.434	79	339461	40.894	ng	99
4) n-Nitrosodimethylamine	3.398	42	200815	41.554	ng	100
6) Aniline	6.557	93	378220	41.625	ng	97
8) 2-Chlorophenol	6.681	128	303560	45.238	ng	99
9) Benzaldehyde	6.445	77	251664	41.481	ng	100
10) Phenol	6.539	94	418868m	42.818	ng	
11) bis(2-Chloroethyl)ether	6.634	93	311517	40.416	ng	99
12) 1,3-Dichlorobenzene	6.834	146	359157	40.588	ng	99
13) 1,4-Dichlorobenzene	6.910	146	357861	40.309	ng	99
14) 1,2-Dichlorobenzene	7.069	146	337585	40.415	ng	98
15) Benzyl Alcohol	7.034	79	321090	43.947	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	447833	40.080	ng	100
17) 2-Methylphenol	7.145	107	256604	41.948	ng	98
18) Hexachloroethane	7.410	117	124086	44.177	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	245678	42.376	ng	99
20) 3+4-Methylphenols	7.298	107	332614	42.626	ng	94
22) Acetophenone	7.304	105	445244	40.576	ng	98
24) Nitrobenzene	7.481	77	390850	43.821	ng	97
25) Isophorone	7.716	82	627357	41.154	ng	100
26) 2-Nitrophenol	7.792	139	136464	49.898	ng	99
27) 2,4-Dimethylphenol	7.828	122	200587	44.394	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	362322	41.052	ng	99
29) 2,4-Dichlorophenol	8.028	162	260084	46.635	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	292450	40.664	ng	99
31) Naphthalene	8.198	128	897521	41.101	ng	100
32) Benzoic acid	7.945	122	182887	47.461	ng	99
33) 4-Chloroaniline	8.251	127	310126	41.212	ng	98
34) Hexachlorobutadiene	8.316	225	191682	41.015	ng	99
35) Caprolactam	8.622	113	77214	45.132	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	282650	44.191	ng	98
37) 2-Methylnaphthalene	8.886	142	559867	40.898	ng	100
38) 1-Methylnaphthalene	8.986	142	544537	40.698	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	287115	41.177	ng	99
41) Hexachlorocyclopentadiene	9.039	237	101483	45.326	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	188250	48.285	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194513	47.597	ng	99
46) 1,1'-Biphenyl	9.351	154	697152	40.971	ng	99
47) 2-Chloronaphthalene	9.375	162	551488	40.626	ng	98
48) 2-Nitroaniline	9.469	65	184410	46.371	ng	100
49) Acenaphthylene	9.792	152	791292	41.369	ng	99
50) Dimethylphthalate	9.651	163	591732	43.575	ng	99
51) 2,6-Dinitrotoluene	9.710	165	135843	46.874	ng	96
52) Acenaphthene	9.963	154	521588	41.510	ng	100
53) 3-Nitroaniline	9.880	138	135966	46.069	ng	98
54) 2,4-Dinitrophenol	9.980	184	54329	50.565	ng	95
55) Dibenzofuran	10.133	168	751961	41.005	ng	100
56) 4-Nitrophenol	10.027	139	108002	45.899	ng	99
57) 2,4-Dinitrotoluene	10.110	165	170782	46.536	ng	98
58) Fluorene	10.474	166	588130	40.651	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	156327	47.728	ng	98
60) Diethylphthalate	10.351	149	557329	43.583	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	288977	40.700	ng	99
62) 4-Nitroaniline	10.492	138	133352	44.761	ng	99
63) Azobenzene	10.627	77	635402	40.874	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	78997	50.838	ng	98
66) n-Nitrosodiphenylamine	10.586	169	486387	41.219	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	176823	41.768	ng	99
68) Hexachlorobenzene	11.022	284	190042	41.480	ng	99
69) Atrazine	11.110	200	111775	43.428	ng	99
70) Pentachlorophenol	11.210	266	128592	47.806	ng	99
71) Phenanthrene	11.439	178	826265	41.038	ng	100
72) Anthracene	11.492	178	808618	41.200	ng	100
73) Carbazole	11.645	167	722004	41.123	ng	100
74) Di-n-butylphthalate	11.974	149	714133	46.930	ng	100
75) Fluoranthene	12.621	202	786568	40.255	ng	99
77) Benzidine	12.745	184	158746	48.996	ng	99
78) Pyrene	12.851	202	784703	43.508	ng	99
80) Butylbenzylphthalate	13.474	149	164083	44.630	ng	99
81) Benzo(a)anthracene	14.039	228	529216	41.599	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	140438	47.413	ng	98
83) Chrysene	14.074	228	487805	42.507	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	170903	44.138	ng	99
85) Di-n-octyl phthalate	14.645	149	349841	42.425	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	619553	41.956	ng	99
88) Benzo(b)fluoranthene	15.092	252	509901	40.362	ng	99
89) Benzo(k)fluoranthene	15.121	252	475115	41.598	ng	99
90) Benzo(a)pyrene	15.457	252	453055	42.250	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	512546	42.348	ng	98
92) Benzo(g,h,i)perylene	17.456	276	524768	41.918	ng	99

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

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