Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
Data File : BF139075.D
Acq On : 19 Aug 2024 15:47
Operator : RC/JU
Sample : PB162688BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 19 16:52:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162688BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	53216	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	219351	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	122326	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	202208	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	98718	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	90220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	450955	130.810	ng	0.01
7) Phenol-d6	6.492	99	594454	128.433	ng	0.00
23) Nitrobenzene-d5	7.410	82	393098	87.618	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	130927	130.664	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	714318	87.738	ng	-0.01
79) Terphenyl-d14	12.939	244	623143	105.686	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	45556	30.184	ng	# 94
3) Pyridine	3.446	79	114765	31.389	ng	95
4) n-Nitrosodimethylamine	3.416	42	117445	53.935	ng	82
6) Aniline	6.504	93	128338	31.091	ng	# 1
8) 2-Chlorophenol	6.628	128	175036	48.258	ng	100
9) Benzaldehyde	6.393	77	51275	18.480	ng	98
10) Phenol	6.504	94	225887	46.352	ng	83
11) bis(2-Chloroethyl)ether	6.575	93	165401	44.105	ng	98
12) 1,3-Dichlorobenzene	6.775	146	179220	44.142	ng	97
13) 1,4-Dichlorobenzene	6.851	146	182869	44.631	ng	98
14) 1,2-Dichlorobenzene	7.004	146	175205	45.754	ng	99
15) Benzyl Alcohol	6.992	79	164617	49.346	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	293921	45.542	ng	53
17) 2-Methylphenol	7.104	107	139300	46.510	ng	# 83
18) Hexachloroethane	7.339	117	70832	45.925	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	139791	50.005	ng	96
20) 3+4-Methylphenols	7.263	107	187490	48.791	ng	# 73
22) Acetophenone	7.251	105	240406	44.762	ng	98
24) Nitrobenzene	7.428	77	204964	44.896	ng	100
25) Isophorone	7.663	82	358647	46.815	ng	98
26) 2-Nitrophenol	7.739	139	91978	46.828	ng	88
27) 2,4-Dimethylphenol	7.781	122	116651	49.638	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	208302	44.650	ng	98
29) 2,4-Dichlorophenol	7.992	162	143895	47.651	ng	100
30) 1,2,4-Trichlorobenzene	8.057	180	155740	44.690	ng	96
31) Naphthalene	8.139	128	515886	44.681	ng	99
32) Benzoic acid	7.951	122	61645m	33.370	ng	
33) 4-Chloroaniline	8.198	127	88778	22.906	ng	97
34) Hexachlorobutadiene	8.245	225	95770	45.372	ng	100
35) Caprolactam	8.586	113	46370m	51.462	ng	
36) 4-Chloro-3-methylphenol	8.692	107	165335	47.907	ng	99
37) 2-Methylnaphthalene	8.828	142	339631	46.577	ng	100
38) 1-Methylnaphthalene	8.928	142	316050	44.231	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	144648	42.568	ng	98
41) Hexachlorocyclopentadiene	8.975	237	75743	83.846	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	91011	43.928	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	97838	43.196	ng		97
46) 1,1'-Biphenyl	9.292	154	407420	42.526	ng		99
47) 2-Chloronaphthalene	9.322	162	315823	44.324	ng		99
48) 2-Nitroaniline	9.428	65	117954	48.831	ng		94
49) Acenaphthylene	9.733	152	491050	48.591	ng		100
50) Dimethylphthalate	9.598	163	384129	49.111	ng		100
51) 2,6-Dinitrotoluene	9.669	165	81204	46.002	ng	#	85
52) Acenaphthene	9.904	154	304580	44.836	ng		100
53) 3-Nitroaniline	9.839	138	58010	31.789	ng		94
54) 2,4-Dinitrophenol	9.963	184	65761	80.928	ng		89
55) Dibenzofuran	10.080	168	444981	46.404	ng		98
56) 4-Nitrophenol	10.028	139	67847	61.827	ng		85
57) 2,4-Dinitrotoluene	10.080	165	108971	48.386	ng	#	79
58) Fluorene	10.422	166	360800	47.248	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	85275m	49.246	ng		
60) Diethylphthalate	10.292	149	378354	51.016	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	181204	48.248	ng		97
62) 4-Nitroaniline	10.463	138	71712m	41.353	ng		
63) Azobenzene	10.569	77	397392	48.313	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	57216	46.380	ng		93
66) n-Nitrosodiphenylamine	10.533	169	302611	47.877	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	101235	46.241	ng		96
68) Hexachlorobenzene	10.969	284	104156	46.078	ng		97
69) Atrazine	11.063	200	84158	51.608	ng		99
70) Pentachlorophenol	11.175	266	60385	59.266	ng		98
71) Phenanthrene	11.386	178	497211	47.753	ng		100
72) Anthracene	11.439	178	501270	48.869	ng		99
73) Carbazole	11.598	167	404701	45.731	ng		98
74) Di-n-butylphthalate	11.910	149	562994	56.592	ng		99
75) Fluoranthene	12.574	202	447619	46.050	ng		98
77) Benzidine	12.698	184	23862	10.106	ng		98
78) Pyrene	12.804	202	437225	47.041	ng		100
80) Butylbenzylphthalate	13.410	149	163104	54.799	ng		99
81) Benzo(a)anthracene	13.992	228	321387	47.277	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	69191	39.774	ng		99
83) Chrysene	14.027	228	288273	47.003	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	208625	47.867	ng		98
85) Di-n-octyl phthalate	14.574	149	338313	41.955	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	299343	46.299	ng		96
88) Benzo(b)fluoranthene	15.039	252	312486	55.873	ng		98
89) Benzo(k)fluoranthene	15.068	252	247875	51.190	ng		99
90) Benzo(a)pyrene	15.410	252	262237	55.744	ng		98
91) Dibenzo(a,h)anthracene	16.957	278	243892	45.954	ng		98
92) Benzo(g,h,i)perylene	17.392	276	220624	40.059	ng		98

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

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