Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138814.D
Acq On : 06 Aug 2024 19:05
Operator : RC/JU
Sample : P3448-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 01:03:58 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 :
TP1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	37876	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	151632	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	84109	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	139749	20.000	ng		0.00
76) Chrysene-d12	13.998	240	71730	20.000	ng		0.00
86) Perylene-d12	15.463	264	71699	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	347339	141.559	ng		0.02
7) Phenol-d6	6.493	99	429656	130.424	ng		0.00
23) Nitrobenzene-d5	7.410	82	321111	103.537	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	120460	174.842	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	604465	107.980	ng		0.00
79) Terphenyl-d14	12.945	244	534002	124.643	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	41294	38.441	ng	#	81
3) Pyridine	3.528	79	77192	29.664	ng		96
4) n-Nitrosodimethylamine	3.440	42	84691	54.645	ng		89
6) Aniline	6.510	93	58268	19.833	ng	#	1
8) 2-Chlorophenol	6.634	128	136316	52.804	ng		96
9) Benzaldehyde	6.399	77	6318	3.199	ng		96
10) Phenol	6.504	94	161061	46.435	ng		100
11) bis(2-Chloroethyl)ether	6.581	93	135733	50.853	ng		97
12) 1,3-Dichlorobenzene	6.781	146	123495	42.736	ng		99
13) 1,4-Dichlorobenzene	6.857	146	129140	44.283	ng		98
14) 1,2-Dichlorobenzene	7.010	146	123159	45.189	ng		100
15) Benzyl Alcohol	6.993	79	130783	55.082	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	205644	44.769	ng	#	48
17) 2-Methylphenol	7.104	107	113081	53.048	ng	#	90
18) Hexachloroethane	7.346	117	47877	43.614	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	109610	55.089	ng		100
20) 3+4-Methylphenols	7.263	107	150992	55.206	ng	#	76
22) Acetophenone	7.251	105	196926	53.041	ng		97
24) Nitrobenzene	7.428	77	158951	50.366	ng		98
25) Isophorone	7.669	82	293325	55.388	ng		99
26) 2-Nitrophenol	7.740	139	74829	55.112	ng		95
27) 2,4-Dimethylphenol	7.781	122	99340	61.150	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	170096	52.743	ng		99
29) 2,4-Dichlorophenol	7.987	162	117277	56.180	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	120218	49.903	ng		99
31) Naphthalene	8.145	128	404555	50.687	ng		100
32) Benzoic acid	7.928	122	46434	36.362	ng		96
33) 4-Chloroaniline	8.198	127	28875	10.778	ng		98
34) Hexachlorobutadiene	8.251	225	71051	48.694	ng		98
35) Caprolactam	8.592	113	28398m	45.591	ng		
36) 4-Chloro-3-methylphenol	8.692	107	139260	58.373	ng		100
37) 2-Methylnaphthalene	8.834	142	279887	55.525	ng		100
38) 1-Methylnaphthalene	8.934	142	256862	52.002	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	119701	51.232	ng		99
41) Hexachlorocyclopentadiene	8.981	237	87191	135.679	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	82656	58.022	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	89359	57.379	ng		99
46) 1,1'-Biphenyl	9.298	154	337654	51.258	ng		99
47) 2-Chloronaphthalene	9.322	162	270337	55.180	ng		99
48) 2-Nitroaniline	9.428	65	91902	55.333	ng		99
49) Acenaphthylene	9.739	152	423636	60.968	ng		99
50) Dimethylphthalate	9.604	163	328175	61.021	ng		99
51) 2,6-Dinitrotoluene	9.669	165	70684	58.237	ng		95
52) Acenaphthene	9.910	154	255900	54.786	ng		99
53) 3-Nitroaniline	9.839	138	16848	13.428	ng		93
54) 2,4-Dinitrophenol	9.957	184	64808	115.994	ng		93
55) Dibenzofuran	10.081	168	385940	58.534	ng		99
56) 4-Nitrophenol	10.022	139	66556	88.209	ng		94
57) 2,4-Dinitrotoluene	10.075	165	94943	61.312	ng	#	89
58) Fluorene	10.428	166	310340	59.106	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	74091	62.229	ng		97
60) Diethylphthalate	10.298	149	323179	63.377	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	151673	58.734	ng		96
62) 4-Nitroaniline	10.457	138	51070	42.830	ng		92
63) Azobenzene	10.575	77	324127	57.310	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	49545	58.111	ng		97
66) n-Nitrosodiphenylamine	10.539	169	220394	50.454	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	89818	59.362	ng		98
68) Hexachlorobenzene	10.975	284	92805	59.405	ng		96
69) Atrazine	11.063	200	30407	26.980	ng		98
70) Pentachlorophenol	11.175	266	78817	111.930	ng		99
71) Phenanthrene	11.386	178	428033	59.482	ng		99
72) Anthracene	11.439	178	433905	61.208	ng		100
73) Carbazole	11.598	167	296140	48.420	ng		99
74) Di-n-butylphthalate	11.916	149	463273	67.381	ng		100
75) Fluoranthene	12.575	202	379337	56.467	ng		98
78) Pyrene	12.804	202	367967	54.484	ng		99
80) Butylbenzylphthalate	13.416	149	137956	63.789	ng		96
81) Benzo(a)anthracene	13.992	228	292297	59.176	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	9367	7.410	ng		97
83) Chrysene	14.027	228	256555	57.571	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	186287	58.823	ng		98
85) Di-n-octyl phthalate	14.580	149	322134	54.978	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	312044	60.730	ng		96
88) Benzo(b)fluoranthene	15.033	252	294455	66.250	ng		98
89) Benzo(k)fluoranthene	15.063	252	253219	65.801	ng		99
90) Benzo(a)pyrene	15.398	252	250655	67.046	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	253882	60.193	ng		99
92) Benzo(g,h,i)perylene	17.374	276	230007	52.551	ng		97

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

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