Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137388.D
Acq On : 26 Feb 2024 16:35
Operator : CG\JU
Sample : P1538-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 26 17:12:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	210512	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	843028	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	441832	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	675483	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	354836	20.000	ng	-0.02
86) Perylene-d12	15.439	264	426326	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1492545	109.402	ng	0.00
7) Phenol-d6	6.422	99	2018087	100.558	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1170290	69.305	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	386130	100.359	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1665705	58.693	ng	-0.02
79) Terphenyl-d14	12.904	244	1236699	48.748	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	307263	41.113	ng	99
3) Pyridine	3.357	79	694358	36.869	ng	99
4) n-Nitrosodimethylamine	3.328	42	310316	43.682	ng	99
6) Aniline	6.451	93	414098	17.399	ng	95
8) 2-Chlorophenol	6.569	128	671946	45.921	ng	98
9) Benzaldehyde	6.334	77	92924	9.617	ng	93
10) Phenol	6.440	94	935214	42.579	ng	100
11) bis(2-Chloroethyl)ether	6.522	93	690770	43.282	ng	97
12) 1,3-Dichlorobenzene	6.722	146	702598	44.712	ng	99
13) 1,4-Dichlorobenzene	6.798	146	730347	45.143	ng	99
14) 1,2-Dichlorobenzene	6.951	146	681578	45.545	ng	99
15) Benzyl Alcohol	6.928	79	584121	48.828	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1189941	44.857	ng	99
17) 2-Methylphenol	7.040	107	560710	40.499	ng	99
18) Hexachloroethane	7.293	117	243518	43.681	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	515861	41.713	ng	99
20) 3+4-Methylphenols	7.193	107	650245	41.206	ng	93
22) Acetophenone	7.193	105	900171	44.034	ng	97
24) Nitrobenzene	7.363	77	765984	44.643	ng	95
25) Isophorone	7.604	82	1478539	42.340	ng	100
26) 2-Nitrophenol	7.681	139	313097	47.769	ng	99
27) 2,4-Dimethylphenol	7.722	122	474724	36.965	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	880544	43.748	ng	99
29) 2,4-Dichlorophenol	7.922	162	544489	45.235	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	582568	45.091	ng	99
31) Naphthalene	8.087	128	1922892	42.503	ng	100
32) Benzoic acid	7.851	122	356317	45.727	ng	95
33) 4-Chloroaniline	8.140	127	76471	4.444	ng	95
34) Hexachlorobutadiene	8.198	225	342373	44.608	ng	98
35) Caprolactam	8.504	113	164685m	44.242	ng	
36) 4-Chloro-3-methylphenol	8.622	107	580407	42.533	ng	98
37) 2-Methylnaphthalene	8.775	142	1164096	39.932	ng	99
38) 1-Methylnaphthalene	8.875	142	1111395	40.323	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	554131	45.535	ng	98
41) Hexachlorocyclopentadiene	8.928	237	444525	80.567	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	371176	47.042	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	387426	42.799	ng		98
46) 1,1'-Biphenyl	9.239	154	1431930	44.497	ng		99
47) 2-Chloronaphthalene	9.263	162	1111085	45.719	ng		99
48) 2-Nitroaniline	9.363	65	313650	42.981	ng		97
49) Acenaphthylene	9.681	152	1764195	44.681	ng		100
50) Dimethylphthalate	9.545	163	1299131	42.552	ng		100
51) 2,6-Dinitrotoluene	9.610	165	262917	46.290	ng		97
52) Acenaphthene	9.851	154	981855	41.658	ng		99
53) 3-Nitroaniline	9.781	138	100513	17.086	ng		97
54) 2,4-Dinitrophenol	9.881	184	214606	76.791	ng		94
55) Dibenzofuran	10.028	168	1516094	41.619	ng		99
56) 4-Nitrophenol	9.945	139	354246	74.019	ng		95
57) 2,4-Dinitrotoluene	10.010	165	320919	44.764	ng		97
58) Fluorene	10.369	166	1125449	40.455	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	316184m	42.180	ng		
60) Diethylphthalate	10.251	149	1221450	42.851	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	545474	39.860	ng		100
62) 4-Nitroaniline	10.398	138	208379m	35.345	ng		
63) Azobenzene	10.528	77	1385043	40.613	ng		96
65) 4,6-Dinitro-2-methylph...	10.416	198	141415	43.301	ng		96
66) n-Nitrosodiphenylamine	10.486	169	991503	45.196	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	339579	46.763	ng		95
68) Hexachlorobenzene	10.916	284	354778	47.228	ng		98
69) Atrazine	11.016	200	305562	51.612	ng		99
70) Pentachlorophenol	11.116	266	393214	82.618	ng		99
71) Phenanthrene	11.333	178	1579742	42.390	ng		99
72) Anthracene	11.386	178	1596413	41.566	ng		100
73) Carbazole	11.545	167	1324230	40.355	ng		99
74) Di-n-butylphthalate	11.886	149	1746469	53.191	ng		99
75) Fluoranthene	12.527	202	1391615	38.255	ng		99
77) Benzidine	12.663	184	145789	27.521	ng		98
78) Pyrene	12.757	202	1385387	41.290	ng		99
80) Butylbenzylphthalate	13.392	149	333957	61.289	ng	#	90
81) Benzo(a)anthracene	13.951	228	1099000	44.634	ng		100
82) 3,3'-Dichlorobenzidine	13.922	252	168230	31.260	ng		98
83) Chrysene	13.986	228	1132275	45.015	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	516692	70.551	ng		98
85) Di-n-octyl phthalate	14.574	149	979441	70.257	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.933	276	1073063	36.804	ng		99
88) Benzo(b)fluoranthene	15.010	252	1195055	45.695	ng		99
89) Benzo(k)fluoranthene	15.039	252	1059145	38.639	ng		99
90) Benzo(a)pyrene	15.380	252	1060426	42.747	ng		100
91) Dibenzo(a,h)anthracene	16.962	278	882036	36.835	ng		98
92) Benzo(g,h,i)perylene	17.392	276	803677	32.824	ng		98

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

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