Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
Data File : BF138593.D
Acq On : 19 Jul 2024 17:01
Operator : RC/JU
Sample : P3193-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 19 17:52:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	68740	20.000	ng		-0.01
21) Naphthalene-d8	8.139	136	284013	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	155546	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	276793	20.000	ng		0.00
76) Chrysene-d12	14.021	240	142754	20.000	ng		0.00
86) Perylene-d12	15.480	264	163501	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	510334	117.580	ng		0.00
7) Phenol-d6	6.498	99	701574	121.508	ng		0.00
23) Nitrobenzene-d5	7.422	82	451558	78.061	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	176763	121.593	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	755775	75.939	ng		-0.01
79) Terphenyl-d14	12.963	244	761992	86.959	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	90677	47.171	ng		98
3) Pyridine	3.446	79	230067	48.532	ng		98
4) n-Nitrosodimethylamine	3.399	42	177547	57.534	ng		91
6) Aniline	6.522	93	263677	48.756	ng	#	58
8) 2-Chlorophenol	6.645	128	271363	59.128	ng		97
9) Benzaldehyde	6.410	77	29806	9.644	ng		96
10) Phenol	6.510	94	362649	59.172	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	263280	57.057	ng		99
12) 1,3-Dichlorobenzene	6.798	146	272939	52.908	ng		98
13) 1,4-Dichlorobenzene	6.875	146	277273	52.929	ng		99
14) 1,2-Dichlorobenzene	7.028	146	265219	54.358	ng		97
15) Benzyl Alcohol	7.004	79	260023	60.008	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	496860	54.756	ng		73
17) 2-Methylphenol	7.116	107	217616	57.856	ng		96
18) Hexachloroethane	7.369	117	103153	53.563	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	203002	56.900	ng		96
20) 3+4-Methylphenols	7.269	107	270685	57.149	ng		93
22) Acetophenone	7.269	105	344257	49.908	ng		98
24) Nitrobenzene	7.445	77	307660	52.337	ng		96
25) Isophorone	7.681	82	553926	55.760	ng		99
26) 2-Nitrophenol	7.757	139	142548	56.577	ng		94
27) 2,4-Dimethylphenol	7.798	122	186548	60.242	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	326875	55.058	ng		98
29) 2,4-Dichlorophenol	8.004	162	218941	54.446	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	231208	49.356	ng		97
31) Naphthalene	8.163	128	780898	52.867	ng		99
32) Benzoic acid	7.928	122	139919	47.374	ng		98
33) 4-Chloroaniline	8.210	127	186362	35.959	ng		99
34) Hexachlorobutadiene	8.275	225	131696	45.654	ng		99
35) Caprolactam	8.586	113	69871m	53.846	ng		
36) 4-Chloro-3-methylphenol	8.698	107	255427	56.737	ng		99
37) 2-Methylnaphthalene	8.851	142	504972	53.124	ng		99
38) 1-Methylnaphthalene	8.951	142	469332	50.591	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	208054	47.992	ng		98
41) Hexachlorocyclopentadiene	9.004	237	169553	120.497	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	148167	53.580	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	160002	52.606	ng		93
46) 1,1'-Biphenyl	9.316	154	595607	50.527	ng		99
47) 2-Chloronaphthalene	9.345	162	473217	53.139	ng		100
48) 2-Nitroaniline	9.439	65	187822	60.863	ng		92
49) Acenaphthylene	9.763	152	756389	59.825	ng		100
50) Dimethylphthalate	9.622	163	569097	56.582	ng		100
51) 2,6-Dinitrotoluene	9.686	165	127269	54.957	ng		93
52) Acenaphthene	9.933	154	461677	54.933	ng		100
53) 3-Nitroaniline	9.851	138	106408	44.831	ng		91
54) 2,4-Dinitrophenol	9.963	184	130183	103.300	ng		96
55) Dibenzofuran	10.104	168	673056	55.213	ng		99
56) 4-Nitrophenol	10.028	139	190494	108.771	ng		96
57) 2,4-Dinitrotoluene	10.086	165	172551	57.587	ng		96
58) Fluorene	10.445	166	532554	55.212	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	131608	54.828	ng		97
60) Diethylphthalate	10.316	149	546964	56.410	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	255705	52.794	ng		93
62) 4-Nitroaniline	10.469	138	139287	58.562	ng		99
63) Azobenzene	10.598	77	613576	58.858	ng		98
65) 4,6-Dinitro-2-methylph...	10.498	198	100425	62.835	ng		82
66) n-Nitrosodiphenylamine	10.557	169	468376	56.479	ng		98
67) 4-Bromophenyl-phenylether	10.927	248	151886	53.389	ng		97
68) Hexachlorobenzene	10.992	284	166769	52.767	ng		96
69) Atrazine	11.080	200	142112	51.687	ng		97
70) Pentachlorophenol	11.186	266	178872	95.646	ng		97
71) Phenanthrene	11.410	178	784356	56.090	ng		100
72) Anthracene	11.457	178	796609	57.388	ng		99
73) Carbazole	11.616	167	692161	55.486	ng		99
74) Di-n-butylphthalate	11.939	149	854481	59.425	ng		100
75) Fluoranthene	12.592	202	745518	52.247	ng		96
77) Benzidine	12.716	184	143429	39.823	ng		99
78) Pyrene	12.821	202	736707	50.837	ng		99
80) Butylbenzylphthalate	13.439	149	285274	65.440	ng		99
81) Benzo(a)anthracene	14.010	228	550579	57.479	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	135457	54.880	ng	#	99
83) Chrysene	14.045	228	503493	55.563	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	363279	78.137	ng		99
85) Di-n-octyl phthalate	14.604	149	561124	76.399	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	608577	55.414	ng		99
88) Benzo(b)fluoranthene	15.057	252	506047	54.958	ng		99
89) Benzo(k)fluoranthene	15.086	252	492123	54.800	ng		99
90) Benzo(a)pyrene	15.421	252	474945	58.717	ng		100
91) Dibenzo(a,h)anthracene	16.974	278	483568	53.827	ng		100
92) Benzo(g,h,i)perylene	17.398	276	461661	48.462	ng		95

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

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