Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019908.D
Acq On : 28 Feb 2024 10:16
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 10:51:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 02:05:05 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
02/29/2024
Supervised By :mohammad ahmed
03/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	84469	20.000	ng		0.00
21) Naphthalene-d8	10.705	136	382882	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	271207	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	643171	20.000	ng		0.00
76) Chrysene-d12	21.404	240	664302	20.000	ng		0.00
86) Perylene-d12	23.827	264	697383	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.470	112	391538	76.082	ng		0.00
7) Phenol-d6	7.075	99	578624	75.518	ng		0.00
23) Nitrobenzene-d5	9.075	82	652048	68.752	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	413787	88.981	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1792489	89.299	ng		0.00
79) Terphenyl-d14	19.875	244	3492583	82.866	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	68263	38.351	ng		99
3) Pyridine	3.781	79	218077m	40.057	ng		
4) n-Nitrosodimethylamine	3.699	42	92644	41.295	ng		97
6) Aniline	7.234	93	347947	37.019	ng		98
8) 2-Chlorophenol	7.464	128	216893	39.084	ng		98
9) Benzaldehyde	7.052	77	168630	38.558	ng		99
10) Phenol	7.105	94	284790	37.275	ng		97
11) bis(2-Chloroethyl)ether	7.340	93	220921	36.714	ng		99
12) 1,3-Dichlorobenzene	7.787	146	242371	40.227	ng		99
13) 1,4-Dichlorobenzene	7.940	146	245350	40.214	ng		98
14) 1,2-Dichlorobenzene	8.252	146	240655	39.320	ng		99
15) Benzyl Alcohol	8.152	79	251494	37.206	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	219298	34.134	ng		97
17) 2-Methylphenol	8.352	107	214293	37.504	ng		99
18) Hexachloroethane	8.969	117	92308	39.043	ng		95
19) n-Nitroso-di-n-propyla...	8.722	70	215361	37.207	ng		98
20) 3+4-Methylphenols	8.681	107	298521	36.360	ng		98
22) Acetophenone	8.740	105	391290	32.905	ng	#	98
24) Nitrobenzene	9.116	77	313592	34.154	ng		99
25) Isophorone	9.646	82	574600	34.808	ng		100
26) 2-Nitrophenol	9.822	139	136340	37.111	ng		96
27) 2,4-Dimethylphenol	9.887	122	219283	36.156	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	325035	35.283	ng		99
29) 2,4-Dichlorophenol	10.357	162	251050	37.110	ng		98
30) 1,2,4-Trichlorobenzene	10.563	180	287418	38.673	ng		98
31) Naphthalene	10.757	128	765738	37.352	ng		99
32) Benzoic acid	10.063	122	185066	36.016	ng		94
33) 4-Chloroaniline	10.881	127	374306	40.188	ng		99
34) Hexachlorobutadiene	11.022	225	217525	40.248	ng		99
35) Caprolactam	11.699	113	100382	40.237	ng		97
36) 4-Chloro-3-methylphenol	12.004	107	351830	42.159	ng		95
37) 2-Methylnaphthalene	12.369	142	670604	42.140	ng		98
38) 1-Methylnaphthalene	12.587	142	626955	41.636	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	433758	46.821	ng		100
41) Hexachlorocyclopentadiene	12.693	237	229173	47.775	ng		99
43) 2,4,6-Trichlorophenol	12.981	196	287295	46.968	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	337069	46.260	ng	99
46) 1,1'-Biphenyl	13.381	154	787809	40.570	ng	99
47) 2-Chloronaphthalene	13.422	162	611019	40.539	ng	99
48) 2-Nitroaniline	13.640	65	214008	39.285	ng	99
49) Acenaphthylene	14.269	152	980256	40.143	ng	100
50) Dimethylphthalate	14.022	163	884329	39.943	ng	99
51) 2,6-Dinitrotoluene	14.146	165	193975	40.709	ng	99
52) Acenaphthene	14.610	154	593472	40.476	ng	99
53) 3-Nitroaniline	14.475	138	188143	39.889	ng	100
54) 2,4-Dinitrophenol	14.687	184	124909	40.215	ng	99
55) Dibenzofuran	14.945	168	1038319	41.494	ng	100
56) 4-Nitrophenol	14.787	139	149881	40.622	ng	96
57) 2,4-Dinitrotoluene	14.934	165	279527	41.220	ng	99
58) Fluorene	15.598	166	845429	41.658	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	288402	43.141	ng	96
60) Diethylphthalate	15.381	149	896235	40.976	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	496357	42.766	ng	97
62) 4-Nitroaniline	15.640	138	202683m	41.256	ng	
63) Azobenzene	15.892	77	815938	40.072	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	186666	42.760	ng	98
66) n-Nitrosodiphenylamine	15.816	169	752319	40.764	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	333060	41.880	ng	98
68) Hexachlorobenzene	16.598	284	360150	41.992	ng	97
69) Atrazine	16.787	200	317301	41.090	ng	99
70) Pentachlorophenol	16.951	266	275643	43.481	ng	99
71) Phenanthrene	17.351	178	1378132	40.143	ng	100
72) Anthracene	17.439	178	1424745	40.654	ng	99
73) Carbazole	17.722	167	1242633	40.035	ng	98
74) Di-n-butylphthalate	18.275	149	1579379	40.685	ng	100
75) Fluoranthene	19.322	202	1803893	40.488	ng	99
77) Benzidine	19.510	184	807955	42.341	ng	99
78) Pyrene	19.675	202	1819024	39.855	ng	100
80) Butylbenzylphthalate	20.563	149	726951	39.830	ng	96
81) Benzo(a)anthracene	21.392	228	1893600	40.157	ng	99
82) 3,3'-Dichlorobenzidine	21.328	252	743749	41.124	ng	99
83) Chrysene	21.445	228	1777471	40.228	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	1060898	40.493	ng	99
85) Di-n-octyl phthalate	22.269	149	1755607	40.264	ng	99
87) Indeno(1,2,3-cd)pyrene	26.380	276	1837063	37.418	ng	99
88) Benzo(b)fluoranthene	23.092	252	1785327	41.756	ng	99
89) Benzo(k)fluoranthene	23.139	252	1717450	40.958	ng	99
90) Benzo(a)pyrene	23.727	252	1655368	40.513	ng	99
91) Dibenzo(a,h)anthracene	26.398	278	1549968	37.554	ng	100
92) Benzo(g,h,i)perylene	27.157	276	1449546	36.381	ng	99

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

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