Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
Data File : BM046345.D
Acq On : 28 Jun 2024 09:37
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 10:14:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 03:23:08 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

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06/29/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.369	152	91990	20.000	ng		0.00
21) Naphthalene-d8	10.128	136	434789	20.000	ng		0.00
39) Acenaphthene-d10	14.016	164	283817	20.000	ng		0.00
64) Phenanthrene-d10	16.774	188	588883	20.000	ng		0.00
76) Chrysene-d12	20.997	240	591891	20.000	ng		0.00
86) Perylene-d12	23.668	264	690318	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.046	112	465701	81.376	ng		0.00
7) Phenol-d6	6.628	99	663160	81.571	ng		0.00
23) Nitrobenzene-d5	8.534	82	834235	79.542	ng		0.00
42) 2,4,6-Tribromophenol	15.527	330	286095	82.888	ng		0.00
45) 2-Fluorobiphenyl	12.633	172	1677873	80.127	ng		0.00
79) Terphenyl-d14	19.427	244	2770600	77.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.028	88	87864	39.820	ng		99
3) Pyridine	3.422	79	259368m	42.066	ng		
4) n-Nitrosodimethylamine	3.340	42	201853	42.268	ng		95
6) Aniline	6.740	93	313134	42.412	ng		99
8) 2-Chlorophenol	6.963	128	259918	40.765	ng		100
9) Benzaldehyde	6.545	77	194013	42.147	ng		93
10) Phenol	6.651	94	329750	40.987	ng		97
11) bis(2-Chloroethyl)ether	6.828	93	267712	40.977	ng		98
12) 1,3-Dichlorobenzene	7.257	146	288000	40.742	ng		99
13) 1,4-Dichlorobenzene	7.404	146	292943	40.273	ng		100
14) 1,2-Dichlorobenzene	7.716	146	290357	40.487	ng		99
15) Benzyl Alcohol	7.651	79	283983	42.491	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.904	45	455319	40.952	ng		98
17) 2-Methylphenol	7.869	107	228748	40.774	ng		98
18) Hexachloroethane	8.422	117	134634	41.088	ng		97
19) n-Nitroso-di-n-propyla...	8.198	70	266621	43.198	ng		99
20) 3+4-Methylphenols	8.204	107	336425	41.350	ng		93
22) Acetophenone	8.204	105	484626	39.904	ng	#	97
24) Nitrobenzene	8.575	77	413615	40.146	ng		97
25) Isophorone	9.104	82	700059	39.363	ng		99
26) 2-Nitrophenol	9.275	139	150716	40.873	ng		97
27) 2,4-Dimethylphenol	9.375	122	187561	40.571	ng		98
28) bis(2-Chloroethoxy)met...	9.581	93	393588	40.056	ng		99
29) 2,4-Dichlorophenol	9.822	162	255634	40.945	ng		99
30) 1,2,4-Trichlorobenzene	9.992	180	278558	39.403	ng		98
31) Naphthalene	10.175	128	947743	39.775	ng		100
32) Benzoic acid	9.610	122	212754	38.700	ng		97
33) 4-Chloroaniline	10.345	127	339008	40.616	ng		98
34) Hexachlorobutadiene	10.463	225	175740	40.322	ng		99
35) Caprolactam	11.169	113	96012	41.984	ng		95
36) 4-Chloro-3-methylphenol	11.486	107	315358	40.597	ng		100
37) 2-Methylnaphthalene	11.798	142	639434	39.791	ng		98
38) 1-Methylnaphthalene	12.022	142	623509	39.241	ng		100
40) 1,2,4,5-Tetrachloroben...	12.180	216	295574	39.037	ng		99
41) Hexachlorocyclopentadiene	12.157	237	116756	39.350	ng		95
43) 2,4,6-Trichlorophenol	12.451	196	206781	41.117	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.545	196	232121	40.056	ng	98
46) 1,1'-Biphenyl	12.845	154	835272	39.310	ng	99
47) 2-Chloronaphthalene	12.874	162	649517	39.380	ng	99
48) 2-Nitroaniline	13.133	65	268255	40.968	ng	99
49) Acenaphthylene	13.739	152	1016570	39.979	ng	99
50) Dimethylphthalate	13.521	163	823450	39.689	ng	99
51) 2,6-Dinitrotoluene	13.627	165	185255	40.096	ng	97
52) Acenaphthene	14.080	154	620645	39.268	ng	100
53) 3-Nitroaniline	13.980	138	192770	41.295	ng	97
54) 2,4-Dinitrophenol	14.180	184	96165	37.881	ng	94
55) Dibenzofuran	14.427	168	1002464	39.583	ng	99
56) 4-Nitrophenol	14.345	139	142930	38.918	ng	98
57) 2,4-Dinitrotoluene	14.433	165	272828	40.804	ng	98
58) Fluorene	15.074	166	860339	39.715	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.674	232	196894	40.312	ng	99
60) Diethylphthalate	14.886	149	910009	39.872	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	400439	39.712	ng	98
62) 4-Nitroaniline	15.163	138	196298	42.849	ng	96
63) Azobenzene	15.374	77	1104693	40.617	ng	97
65) 4,6-Dinitro-2-methylph...	15.198	198	140682	38.385	ng	97
66) n-Nitrosodiphenylamine	15.310	169	670464	39.198	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	235372	39.144	ng	96
68) Hexachlorobenzene	16.080	284	276772	38.987	ng	97
69) Atrazine	16.286	200	224261	47.432	ng	98
70) Pentachlorophenol	16.451	266	187879	42.076	ng	98
71) Phenanthrene	16.815	178	1235526	39.427	ng	100
72) Anthracene	16.909	178	1207927	39.629	ng	99
73) Carbazole	17.204	167	1210780	40.341	ng	99
74) Di-n-butylphthalate	17.762	149	1650751	40.936	ng	100
75) Fluoranthene	18.845	202	1503002	40.589	ng	99
77) Benzidine	19.062	184	174164	28.360	ng	100
78) Pyrene	19.209	202	1594717	38.788	ng	99
80) Butylbenzylphthalate	20.139	149	774704	40.048	ng	97
81) Benzo(a)anthracene	20.980	228	1546893	39.840	ng	99
82) 3,3'-Dichlorobenzidine	20.927	252	510700	41.006	ng	98
83) Chrysene	21.039	228	1465759	39.473	ng	100
84) Bis(2-ethylhexyl)phtha...	20.927	149	1228646	37.730	ng	99
85) Di-n-octyl phthalate	21.933	149	2005858	41.017	ng	99
87) Indeno(1,2,3-cd)pyrene	26.621	276	1819758	41.101	ng	99
88) Benzo(b)fluoranthene	22.833	252	1650402	40.364	ng	99
89) Benzo(k)fluoranthene	22.891	252	1621521	39.867	ng	99
90) Benzo(a)pyrene	23.544	252	1456778	40.564	ng	99
91) Dibenzo(a,h)anthracene	26.656	278	1526250	41.285	ng	99
92) Benzo(g,h,i)perylene	27.538	276	1511496	41.278	ng	99

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

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