Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020584.D
Acq On : 11 Jun 2024 12:04
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 11 12:50:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	206274	20.000	ng		-0.01
21) Naphthalene-d8	10.522	136	742722	20.000	ng		-0.01
39) Acenaphthene-d10	14.375	164	451476	20.000	ng		-0.02
64) Phenanthrene-d10	17.181	188	969607	20.000	ng		-0.02
76) Chrysene-d12	21.645	240	1042208	20.000	ng		-0.02
86) Perylene-d12	24.986	264	1257448	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1026615	89.110	ng		0.00
7) Phenol-d6	6.940	99	1251241	77.013	ng		0.00
23) Nitrobenzene-d5	8.905	82	1181382	87.070	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	517703	110.492	ng		-0.02
45) 2-Fluorobiphenyl	12.987	172	2645137	87.340	ng		-0.02
79) Terphenyl-d14	19.916	244	4696691	75.020	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	214084	45.989	ng		95
3) Pyridine	3.722	79	535897	40.945	ng		95
4) n-Nitrosodimethylamine	3.634	42	237051	37.289	ng		90
6) Aniline	7.099	93	592920	36.015	ng		97
8) 2-Chlorophenol	7.328	128	529273	40.982	ng		98
9) Benzaldehyde	6.922	77	365110	35.033	ng		97
10) Phenol	6.963	94	632221	37.989	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	511461	37.265	ng		98
12) 1,3-Dichlorobenzene	7.646	146	643756	42.308	ng		99
13) 1,4-Dichlorobenzene	7.793	146	652147	42.169	ng		99
14) 1,2-Dichlorobenzene	8.105	146	618592	41.446	ng		98
15) Benzyl Alcohol	7.999	79	423444	35.284	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	669095m	32.654	ng		
17) 2-Methylphenol	8.193	107	426345	37.751	ng		98
18) Hexachloroethane	8.822	117	240293	42.551	ng		93
19) n-Nitroso-di-n-propyla...	8.558	70	366642	33.056	ng		96
20) 3+4-Methylphenols	8.516	107	564248	36.733	ng		99
22) Acetophenone	8.575	105	754015	40.899	ng	#	97
24) Nitrobenzene	8.952	77	583274	42.358	ng		98
25) Isophorone	9.469	82	994873	37.739	ng		99
26) 2-Nitrophenol	9.652	139	266969	48.930	ng		98
27) 2,4-Dimethylphenol	9.710	122	327448	41.115	ng		98
28) bis(2-Chloroethoxy)met...	9.940	93	629823	38.870	ng		100
29) 2,4-Dichlorophenol	10.175	162	474523	44.411	ng		98
30) 1,2,4-Trichlorobenzene	10.393	180	581319	45.829	ng		98
31) Naphthalene	10.569	128	1595123	42.011	ng		100
32) Benzoic acid	9.828	122	343089	45.723	ng		98
33) 4-Chloroaniline	10.687	127	572616	38.986	ng		98
34) Hexachlorobutadiene	10.852	225	368148	46.074	ng		99
35) Caprolactam	11.493	113	184138	47.027	ng		89
36) 4-Chloro-3-methylphenol	11.810	107	501606	40.097	ng		99
37) 2-Methylnaphthalene	12.187	142	1073955	39.473	ng		99
38) 1-Methylnaphthalene	12.399	142	1058825	39.259	ng		98
40) 1,2,4,5-Tetrachloroben...	12.551	216	595649	45.599	ng		99
41) Hexachlorocyclopentadiene	12.528	237	245871	53.557	ng		100
43) 2,4,6-Trichlorophenol	12.793	196	378962	47.994	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	429968	47.200	ng	97
46) 1,1'-Biphenyl	13.198	154	1373335	43.102	ng	99
47) 2-Chloronaphthalene	13.240	162	1100437	43.445	ng	99
48) 2-Nitroaniline	13.451	65	313680	45.702	ng	97
49) Acenaphthylene	14.098	152	1604948	42.702	ng	100
50) Dimethylphthalate	13.828	163	1300984	40.880	ng	100
51) 2,6-Dinitrotoluene	13.945	165	306177	45.011	ng	93
52) Acenaphthene	14.440	154	991097	41.804	ng	99
53) 3-Nitroaniline	14.275	138	307978	45.137	ng	99
54) 2,4-Dinitrophenol	14.493	184	149750	55.480	ng	96
55) Dibenzofuran	14.781	168	1586369	42.240	ng	98
56) 4-Nitrophenol	14.592	139	258897	49.052	ng	94
57) 2,4-Dinitrotoluene	14.751	165	422275	47.237	ng	93
58) Fluorene	15.440	166	1271244	42.164	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	360104	48.305	ng	98
60) Diethylphthalate	15.222	149	1326397	41.001	ng	99
61) 4-Chlorophenyl-phenyle...	15.440	204	656441	42.193	ng	98
62) 4-Nitroaniline	15.463	138	334958	47.657	ng	96
63) Azobenzene	15.740	77	1186590	39.282	ng	95
65) 4,6-Dinitro-2-methylph...	15.516	198	223960	51.446	ng	98
66) n-Nitrosodiphenylamine	15.657	169	1107857	41.558	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	427870	43.134	ng	98
68) Hexachlorobenzene	16.457	284	505409	43.292	ng	99
69) Atrazine	16.651	200	388681	41.444	ng	99
70) Pentachlorophenol	16.816	266	353411	49.843	ng	99
71) Phenanthrene	17.222	178	1993751	41.830	ng	99
72) Anthracene	17.322	178	2023626	43.268	ng	99
73) Carbazole	17.604	167	1995814	44.116	ng	99
74) Di-n-butylphthalate	18.198	149	2381249	43.465	ng	99
75) Fluoranthene	19.322	202	2639978	46.819	ng	99
77) Benzidine	19.516	184	768694	24.136	ng	99
78) Pyrene	19.698	202	2805276	35.785	ng	100
80) Butylbenzylphthalate	20.657	149	1174138	37.739	ng	92
81) Benzo(a)anthracene	21.627	228	2837630	41.351	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	970979	47.598	ng	100
83) Chrysene	21.692	228	2720439	42.071	ng	99
84) Bis(2-ethylhexyl)phtha...	21.569	149	1757645	39.396	ng	99
85) Di-n-octyl phthalate	22.857	149	3100476	47.813	ng	96
87) Indeno(1,2,3-cd)pyrene	28.815	276	3582340m	46.850	ng	
88) Benzo(b)fluoranthene	23.933	252	3073552	39.235	ng	99
89) Benzo(k)fluoranthene	24.004	252	2953170	38.652	ng	99
90) Benzo(a)pyrene	24.827	252	2708109	41.742	ng	99
91) Dibenzo(a,h)anthracene	28.892	278	2940524	46.105	ng	99
92) Benzo(g,h,i)perylene	29.974	276	2993835	46.963	ng	96

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

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