Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020595.D
Acq On : 11 Jun 2024 20:05
Operator : MA/JU
Sample : SSTDCCC040EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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

Quant Time: Jun 12 01:28:25 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	245398	20.000	ng		-0.01
21) Naphthalene-d8	10.528	136	960377	20.000	ng		0.00
39) Acenaphthene-d10	14.386	164	622193	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1279799	20.000	ng		-0.01
76) Chrysene-d12	21.645	240	1122825	20.000	ng		-0.02
86) Perylene-d12	24.992	264	1332560	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1176840	85.864	ng		0.00
7) Phenol-d6	6.940	99	1548614	80.119	ng		0.00
23) Nitrobenzene-d5	8.910	82	1486244	84.714	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	713043	110.427	ng		0.00
45) 2-Fluorobiphenyl	12.986	172	3551768	85.098	ng		-0.02
79) Terphenyl-d14	19.933	244	5396074	80.003	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	215786	38.965	ng		94
3) Pyridine	3.722	79	589718	37.873	ng		93
4) n-Nitrosodimethylamine	3.628	42	258876	34.230	ng		92
6) Aniline	7.098	93	724530	36.993	ng		97
8) 2-Chlorophenol	7.328	128	648554	42.212	ng		97
9) Benzaldehyde	6.922	77	457223m	36.877	ng		
10) Phenol	6.969	94	784003	39.598	ng		98
11) bis(2-Chloroethyl)ether	7.198	93	616894	37.781	ng		97
12) 1,3-Dichlorobenzene	7.651	146	761246	42.053	ng		98
13) 1,4-Dichlorobenzene	7.798	146	775664	42.159	ng		98
14) 1,2-Dichlorobenzene	8.104	146	733750	41.324	ng		98
15) Benzyl Alcohol	7.998	79	542395	37.990	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	810801m	33.261	ng		
17) 2-Methylphenol	8.204	107	536403	39.924	ng		98
18) Hexachloroethane	8.822	117	271586	40.425	ng		92
19) n-Nitroso-di-n-propyla...	8.563	70	475216	36.015	ng		95
20) 3+4-Methylphenols	8.522	107	730065m	39.950	ng		
22) Acetophenone	8.581	105	967486	40.585	ng	#	97
24) Nitrobenzene	8.951	77	736820	41.382	ng		98
25) Isophorone	9.475	82	1311148	38.464	ng		98
26) 2-Nitrophenol	9.651	139	359029	50.738	ng		96
27) 2,4-Dimethylphenol	9.716	122	422770	41.053	ng		97
28) bis(2-Chloroethoxy)met...	9.945	93	829212	39.578	ng		99
29) 2,4-Dichlorophenol	10.181	162	625145	45.248	ng		97
30) 1,2,4-Trichlorobenzene	10.398	180	737886	44.988	ng		98
31) Naphthalene	10.575	128	2088316	42.535	ng		99
32) Benzoic acid	9.869	122	491893	49.952	ng		99
33) 4-Chloroaniline	10.692	127	750738	39.529	ng		98
34) Hexachlorobutadiene	10.851	225	480303	46.488	ng		99
35) Caprolactam	11.510	113	245171	48.424	ng		89
36) 4-Chloro-3-methylphenol	11.822	107	682249	42.177	ng		98
37) 2-Methylnaphthalene	12.186	142	1449563	41.204	ng		99
38) 1-Methylnaphthalene	12.398	142	1414507	40.561	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	817579	45.416	ng		99
41) Hexachlorocyclopentadiene	12.534	237	145419	22.985	ng		97
43) 2,4,6-Trichlorophenol	12.798	196	534191	49.091	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	588845	46.905	ng	98
46) 1,1'-Biphenyl	13.210	154	1851159	42.158	ng	98
47) 2-Chloronaphthalene	13.251	162	1498718	42.934	ng	98
48) 2-Nitroaniline	13.457	65	418986	44.296	ng	96
49) Acenaphthylene	14.104	152	2146266	41.436	ng	99
50) Dimethylphthalate	13.833	163	1781601	40.622	ng	99
51) 2,6-Dinitrotoluene	13.963	165	416712	44.452	ng	92
52) Acenaphthene	14.451	154	1351011	41.350	ng	99
53) 3-Nitroaniline	14.286	138	413753	44.001	ng	98
54) 2,4-Dinitrophenol	14.504	184	92139	30.128	ng	94
55) Dibenzofuran	14.792	168	2169834	41.923	ng	99
56) 4-Nitrophenol	14.610	139	339784	46.713	ng	91
57) 2,4-Dinitrotoluene	14.763	165	560925	45.530	ng	95
58) Fluorene	15.451	166	1718242	41.353	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	498300	48.503	ng	96
60) Diethylphthalate	15.227	149	1808286	40.560	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	894626	41.725	ng	99
62) 4-Nitroaniline	15.475	138	434274	44.834	ng	97
63) Azobenzene	15.751	77	1595263	38.320	ng	95
65) 4,6-Dinitro-2-methylph...	15.539	198	150210	29.906	ng	95
66) n-Nitrosodiphenylamine	15.669	169	1480649	42.081	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	589789	45.046	ng	96
68) Hexachlorobenzene	16.480	284	692329	44.929	ng	97
69) Atrazine	16.657	200	519851	41.995	ng	100
70) Pentachlorophenol	16.833	266	475815	50.841	ng	99
71) Phenanthrene	17.239	178	2625331	41.731	ng	99
72) Anthracene	17.333	178	2639832	42.762	ng	100
73) Carbazole	17.616	167	2471660	41.392	ng	99
74) Di-n-butylphthalate	18.204	149	3167845	43.808	ng	99
75) Fluoranthene	19.327	202	3130056	42.056	ng	99
77) Benzidine	19.533	184	830245	24.182	ng	99
78) Pyrene	19.704	202	3218046	38.103	ng	100
80) Butylbenzylphthalate	20.662	149	1351177	40.145	ng	94
81) Benzo(a)anthracene	21.627	228	3054756	41.319	ng	100
82) 3,3'-Dichlorobenzidine	21.545	252	1097026	49.916	ng	98
83) Chrysene	21.692	228	2876112	41.285	ng	100
84) Bis(2-ethylhexyl)phtha...	21.568	149	1988767	41.376	ng	98
85) Di-n-octyl phthalate	22.851	149	3427903	49.066	ng	97
87) Indeno(1,2,3-cd)pyrene	28.821	276	3854467	47.567	ng	97
88) Benzo(b)fluoranthene	23.933	252	3289446	39.624	ng	99
89) Benzo(k)fluoranthene	24.009	252	3110221	38.413	ng	100
90) Benzo(a)pyrene	24.845	252	2916911	42.426	ng	99
91) Dibenzo(a,h)anthracene	28.897	278	3168726	46.883	ng	98
92) Benzo(g,h,i)perylene	30.009	276	3213771	47.571	ng	97

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

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