Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111722\
Data File : BP012662.D
Acq On : 17 Nov 2022 14:37
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111722

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Quant Time: Nov 18 00:21:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 00:16:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.046	152	302985	20.000	ng		0.00
21) Naphthalene-d8	10.869	136	1312852	20.000	ng		0.00
39) Acenaphthene-d10	14.681	164	891691	20.000	ng		0.00
64) Phenanthrene-d10	17.439	188	1997699	20.000	ng		0.00
76) Chrysene-d12	21.522	240	2057966	20.000	ng		0.00
86) Perylene-d12	24.051	264	2235920	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1304117	77.788	ng		0.00
7) Phenol-d6	7.187	99	1859469	79.639	ng		0.00
23) Nitrobenzene-d5	9.210	82	1767455	84.646	ng		0.00
42) 2,4,6-Tribromophenol	16.169	330	840829	82.398	ng		0.00
45) 2-Fluorobiphenyl	13.310	172	4595291	77.542	ng		0.00
79) Terphenyl-d14	19.986	244	7253100	76.149	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	251816	37.401	ng		100
3) Pyridine	3.852	79	835116m	39.292	ng		
4) n-Nitrosodimethylamine	3.764	42	351531	38.730	ng		99
6) Aniline	7.363	93	1184321	40.264	ng		100
8) 2-Chlorophenol	7.605	128	817521	39.491	ng		99
9) Benzaldehyde	7.175	77	482024	35.399	ng		99
10) Phenol	7.216	94	1033029	39.273	ng		99
11) bis(2-Chloroethyl)ether	7.463	93	815401	38.915	ng		99
12) 1,3-Dichlorobenzene	7.934	146	896506	39.023	ng		99
13) 1,4-Dichlorobenzene	8.081	146	914927	39.056	ng		99
14) 1,2-Dichlorobenzene	8.405	146	883290	39.290	ng		98
15) Benzyl Alcohol	8.281	79	707398	40.664	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.581	45	1136074	38.426	ng		99
17) 2-Methylphenol	8.481	107	725149	39.755	ng		99
18) Hexachloroethane	9.140	117	308592	39.420	ng		96
19) n-Nitroso-di-n-propyla...	8.857	70	639864	40.319	ng		99
20) 3+4-Methylphenols	8.810	107	1015256	39.731	ng		99
22) Acetophenone	8.875	105	1279058	39.030	ng	#	98
24) Nitrobenzene	9.257	77	940257	41.701	ng		99
25) Isophorone	9.781	82	1818237	38.711	ng		100
26) 2-Nitrophenol	9.969	139	434938	39.360	ng		100
27) 2,4-Dimethylphenol	10.022	122	735574	39.866	ng		99
28) bis(2-Chloroethoxy)met...	10.269	93	1034858	38.738	ng		100
29) 2,4-Dichlorophenol	10.504	162	858608	40.036	ng		98
30) 1,2,4-Trichlorobenzene	10.728	180	903575	39.252	ng		99
31) Naphthalene	10.916	128	2811597	38.955	ng		99
32) Benzoic acid	10.140	122	607494	39.396	ng		99
33) 4-Chloroaniline	11.016	127	1207404	40.154	ng		99
34) Hexachlorobutadiene	11.204	225	535809	39.397	ng		97
35) Caprolactam	11.793	113	307599	44.048	ng		98
36) 4-Chloro-3-methylphenol	12.128	107	910841	39.566	ng		99
37) 2-Methylnaphthalene	12.516	142	2019540	39.128	ng		100
38) 1-Methylnaphthalene	12.734	142	1967306	38.789	ng		100
40) 1,2,4,5-Tetrachloroben...	12.881	216	1003826	38.598	ng		100
41) Hexachlorocyclopentadiene	12.863	237	399102	37.586	ng		99
43) 2,4,6-Trichlorophenol	13.110	196	743661	40.164	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.181	196	834746	40.747	ng	98
46) 1,1'-Biphenyl	13.522	154	2558339	38.368	ng	99
47) 2-Chloronaphthalene	13.563	162	2042506	38.576	ng	100
48) 2-Nitroaniline	13.757	65	495030	39.110	ng	98
49) Acenaphthylene	14.404	152	3370142	39.000	ng	99
50) Dimethylphthalate	14.140	163	2737500	38.976	ng	100
51) 2,6-Dinitrotoluene	14.251	165	555835	39.684	ng	95
52) Acenaphthene	14.745	154	2160826	39.182	ng	99
53) 3-Nitroaniline	14.581	138	640669	40.268	ng	96
54) 2,4-Dinitrophenol	14.781	184	294303	39.114	ng	96
55) Dibenzofuran	15.081	168	3232255	38.825	ng	99
56) 4-Nitrophenol	14.869	139	558723	42.318	ng	97
57) 2,4-Dinitrotoluene	15.034	165	747429	39.283	ng	99
58) Fluorene	15.728	166	2548425	38.891	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.298	232	755010	40.939	ng	99
60) Diethylphthalate	15.504	149	2740966	39.673	ng	100
61) 4-Chlorophenyl-phenyle...	15.728	204	1235578	39.228	ng	97
62) 4-Nitroaniline	15.745	138	633057	40.651	ng	96
63) Azobenzene	16.016	77	2438959	38.639	ng	99
65) 4,6-Dinitro-2-methylph...	15.798	198	417323	38.979	ng	99
66) n-Nitrosodiphenylamine	15.939	169	2297321	38.588	ng	99
67) 4-Bromophenyl-phenylether	16.622	248	806297	38.600	ng	99
68) Hexachlorobenzene	16.734	284	940531	38.824	ng	99
69) Atrazine	16.892	200	745640	47.533	ng	99
70) Pentachlorophenol	17.075	266	661582	42.077	ng	98
71) Phenanthrene	17.481	178	4363298	38.507	ng	100
72) Anthracene	17.569	178	4266952	39.030	ng	99
73) Carbazole	17.834	167	4101567	39.503	ng	99
74) Di-n-butylphthalate	18.392	149	4701188	43.429	ng	100
75) Fluoranthene	19.439	202	5305236	39.519	ng	100
77) Benzidine	19.610	184	1144418	36.602	ng	100
78) Pyrene	19.786	202	5547147	38.142	ng	100
80) Butylbenzylphthalate	20.663	149	1300564	41.808	ng	96
81) Benzo(a)anthracene	21.510	228	5609342	38.879	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	1554061	38.183	ng	100
83) Chrysene	21.563	228	5275121	38.558	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	2272133	39.488	ng	99
85) Di-n-octyl phthalate	22.416	149	4409753	39.034	ng	97
87) Indeno(1,2,3-cd)pyrene	26.721	276	6798147	41.763	ng	99
88) Benzo(b)fluoranthene	23.280	252	5640250	38.103	ng	99
89) Benzo(k)fluoranthene	23.333	252	5698497	38.743	ng	99
90) Benzo(a)pyrene	23.945	252	4826360	39.289	ng	99
91) Dibenzo(a,h)anthracene	26.745	278	5632219	41.843	ng	99
92) Benzo(g,h,i)perylene	27.539	276	5521245	42.231	ng	99

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

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