Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091424\
Data File : BP021925.D
Acq On : 14 Sep 2024 18:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091424

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 15 05:16:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 05:10:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	134661	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	721820	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	528359	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1199211	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1202845	20.000	ng	0.00
86) Perylene-d12	24.886	264	1354690	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	784194	105.008	ng	0.00
7) Phenol-d6	6.928	99	889640	96.027	ng	0.00
23) Nitrobenzene-d5	8.893	82	825263	64.730	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	556361	84.053	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2669568	80.218	ng	-0.01
79) Terphenyl-d14	19.869	244	4910304	82.832	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	162155	43.313	ng	99
3) Pyridine	3.699	79	395533m	41.903	ng	
4) n-Nitrosodimethylamine	3.605	42	209036	44.620	ng	95
6) Aniline	7.087	93	399597	47.908	ng	99
8) 2-Chlorophenol	7.322	128	312817	40.724	ng	98
9) Benzaldehyde	6.905	77	256703	53.889	ng	99
10) Phenol	6.958	94	452721	48.471	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	311141	41.939	ng	97
12) 1,3-Dichlorobenzene	7.640	146	383444	39.901	ng	97
13) 1,4-Dichlorobenzene	7.781	146	386313	39.657	ng	100
14) 1,2-Dichlorobenzene	8.093	146	376786	37.884	ng	97
15) Benzyl Alcohol	7.987	79	289877	40.186	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.269	45	347131	36.852	ng	97
17) 2-Methylphenol	8.187	107	264587	38.986	ng	96
18) Hexachloroethane	8.816	117	151984	42.024	ng	99
19) n-Nitroso-di-n-propyla...	8.546	70	259898	40.084	ng	99
20) 3+4-Methylphenols	8.510	107	380664	41.098	ng	97
22) Acetophenone	8.557	105	513470	29.820	ng	99
24) Nitrobenzene	8.934	77	464257	34.960	ng	98
25) Isophorone	9.457	82	932715	40.764	ng	99
26) 2-Nitrophenol	9.634	139	238623	42.862	ng	91
27) 2,4-Dimethylphenol	9.693	122	290128	41.635	ng	98
28) bis(2-Chloroethoxy)met...	9.922	93	581247	40.346	ng	100
29) 2,4-Dichlorophenol	10.163	162	466380	41.420	ng	98
30) 1,2,4-Trichlorobenzene	10.381	180	546149	39.670	ng	97
31) Naphthalene	10.557	128	1419595	39.043	ng	100
32) Benzoic acid	9.834	122	331890	44.701	ng	96
33) 4-Chloroaniline	10.663	127	543582	40.746	ng	99
34) Hexachlorobutadiene	10.846	225	360423	39.009	ng	99
35) Caprolactam	11.451	113	149916	42.877	ng	96
36) 4-Chloro-3-methylphenol	11.787	107	485562	39.671	ng	97
37) 2-Methylnaphthalene	12.169	142	1029403	38.938	ng	96
38) 1-Methylnaphthalene	12.381	142	1025435	38.744	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	633849	44.450	ng	98
41) Hexachlorocyclopentadiene	12.522	237	213304	44.212	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	421707	45.115	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	476877	44.715	ng	99
46) 1,1'-Biphenyl	13.181	154	1404820	39.024	ng	99
47) 2-Chloronaphthalene	13.222	162	1143363	39.335	ng	100
48) 2-Nitroaniline	13.422	65	321820	41.904	ng	95
49) Acenaphthylene	14.075	152	1641221	39.859	ng	99
50) Dimethylphthalate	13.810	163	1462095	39.573	ng	99
51) 2,6-Dinitrotoluene	13.922	165	339873	41.557	ng	98
52) Acenaphthene	14.416	154	1038696	38.650	ng	99
53) 3-Nitroaniline	14.251	138	318622	42.209	ng	98
54) 2,4-Dinitrophenol	14.463	184	179502	43.020	ng	96
55) Dibenzofuran	14.763	168	1755444	39.067	ng	100
56) 4-Nitrophenol	14.575	139	285447	44.352	ng	96
57) 2,4-Dinitrotoluene	14.722	165	474165	42.714	ng	98
58) Fluorene	15.416	166	1384885	38.480	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.992	232	415235	41.015	ng	100
60) Diethylphthalate	15.181	149	1458867	39.315	ng	99
61) 4-Chlorophenyl-phenyle...	15.416	204	750569	38.813	ng	100
62) 4-Nitroaniline	15.434	138	341802	42.749	ng	99
63) Azobenzene	15.716	77	1296194	39.482	ng	98
65) 4,6-Dinitro-2-methylph...	15.492	198	266429	43.212	ng	97
66) n-Nitrosodiphenylamine	15.628	169	1243539	40.159	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	487347	40.709	ng	99
68) Hexachlorobenzene	16.445	284	573887	40.293	ng	98
69) Atrazine	16.592	200	452119	40.825	ng	99
70) Pentachlorophenol	16.792	266	409853	43.595	ng	99
71) Phenanthrene	17.186	178	2317985	39.711	ng	99
72) Anthracene	17.275	178	2243784	39.926	ng	100
73) Carbazole	17.563	167	2184558	39.462	ng	100
74) Di-n-butylphthalate	18.157	149	2377623	38.212	ng	100
75) Fluoranthene	19.280	202	3013873	40.260	ng	99
77) Benzidine	19.463	184	517916	27.321	ng	100
78) Pyrene	19.657	202	3168280	40.977	ng	100
80) Butylbenzylphthalate	20.604	149	1192504	43.884	ng	99
81) Benzo(a)anthracene	21.563	228	3108700	40.419	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	1096890	43.609	ng	99
83) Chrysene	21.627	228	2880214	39.325	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	1744315	43.166	ng	98
85) Di-n-octyl phthalate	22.763	149	2851716	41.287	ng	99
87) Indeno(1,2,3-cd)pyrene	28.645	276	3398905	39.502	ng	94
88) Benzo(b)fluoranthene	23.839	252	3195161	38.610	ng	99
89) Benzo(k)fluoranthene	23.910	252	3037559	38.113	ng	100
90) Benzo(a)pyrene	24.733	252	2778864	40.585	ng	100
91) Dibenzo(a,h)anthracene	28.739	278	2781884	38.878	ng	98
92) Benzo(g,h,i)perylene	29.809	276	2907544	38.964	ng	99

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

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