

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019662.D
 Acq On : 12 Feb 2024 14:46
 Operator : MA/JU
 Sample : P1394-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(4-5)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 12 15:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	77645	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	268125	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	171453	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	404386	20.000	ng	0.00
76) Chrysene-d12	21.392	240	449752	20.000	ng	0.00
86) Perylene-d12	23.810	264	532604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	418680	86.919	ng	0.00
7) Phenol-d6	7.081	99	542842	83.579	ng	0.00
23) Nitrobenzene-d5	9.075	82	361264	58.384	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	286614	114.493	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	792685	57.155	ng	-0.01
79) Terphenyl-d14	19.863	244	1563839	57.183	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	71123	38.324	ng	99
3) Pyridine	3.781	79	185443	36.856	ng	98
4) n-Nitrosodimethylamine	3.705	42	91369	41.710	ng	98
6) Aniline	7.240	93	250702	39.725	ng	98
8) 2-Chlorophenol	7.469	128	214370	43.347	ng	97
9) Benzaldehyde	7.052	77	59771m	13.126	ng	
10) Phenol	7.105	94	273316	42.221	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	207497	41.200	ng	98
12) 1,3-Dichlorobenzene	7.793	146	254738	42.096	ng	98
13) 1,4-Dichlorobenzene	7.940	146	257199	41.952	ng	99
14) 1,2-Dichlorobenzene	8.252	146	242591	40.897	ng	99
15) Benzyl Alcohol	8.152	79	217391m	41.890	ng	
16) 2,2'-oxybis(1-Chloropr...	8.434	45	202902	40.289	ng	98
17) 2-Methylphenol	8.352	107	179135	41.103	ng	99
18) Hexachloroethane	8.975	117	96429	40.579	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	167957	37.859	ng	98
20) 3+4-Methylphenols	8.681	107	241662	40.630	ng	96
22) Acetophenone	8.740	105	331905	43.452	ng	# 98
24) Nitrobenzene	9.116	77	256449	41.163	ng	99
25) Isophorone	9.646	82	454321	42.159	ng	99
26) 2-Nitrophenol	9.822	139	115209	48.499	ng	97
27) 2,4-Dimethylphenol	9.887	122	156381	51.483	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	259827	42.614	ng	100
29) 2,4-Dichlorophenol	10.357	162	210550	45.854	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	246872	43.849	ng	99
31) Naphthalene	10.757	128	630279	42.860	ng	99
32) Benzoic acid	10.028	122	147309	49.775	ng	99
33) 4-Chloroaniline	10.875	127	174329	32.056	ng	98
34) Hexachlorobutadiene	11.028	225	181328	43.462	ng	98
35) Caprolactam	11.675	113	65553	50.430	ng	92
36) 4-Chloro-3-methylphenol	11.999	107	230147	45.967	ng	97
37) 2-Methylnaphthalene	12.363	142	436073	42.849	ng	99
38) 1-Methylnaphthalene	12.581	142	415351	41.531	ng	96
40) 1,2,4,5-Tetrachloroben...	12.728	216	299389	45.277	ng	99
41) Hexachlorocyclopentadiene	12.699	237	319830	107.070	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	187506	46.831	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019662.D
 Acq On : 12 Feb 2024 14:46
 Operator : MA/JU
 Sample : P1394-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(4-5)MSD

Quant Time: Feb 12 15:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	204788	46.579	ng	98
46) 1,1'-Biphenyl	13.381	154	593725	43.388	ng	100
47) 2-Chloronaphthalene	13.416	162	478291	42.578	ng	98
48) 2-Nitroaniline	13.634	65	149428	47.573	ng	95
49) Acenaphthylene	14.263	152	755015	47.908	ng	99
50) Dimethylphthalate	14.010	163	605747	46.151	ng	98
51) 2,6-Dinitrotoluene	14.134	165	132909	46.090	ng	94
52) Acenaphthene	14.604	154	423291	43.276	ng	99
53) 3-Nitroaniline	14.457	138	105827	39.933	ng	96
54) 2,4-Dinitrophenol	14.669	184	171701	114.677	ng	98
55) Dibenzofuran	14.940	168	729892	45.816	ng	99
56) 4-Nitrophenol	14.769	139	240358	110.655	ng	99
57) 2,4-Dinitrotoluene	14.916	165	191760	50.745	ng	97
58) Fluorene	15.592	166	584393	46.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	197049	53.283	ng	97
60) Diethylphthalate	15.375	149	619326	47.439	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	327870	45.974	ng	95
62) 4-Nitroaniline	15.628	138	140830	50.698	ng	97
63) Azobenzene	15.887	77	571522	45.271	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	115873	50.252	ng	94
66) n-Nitrosodiphenylamine	15.810	169	521287	43.043	ng	98
67) 4-Bromophenyl-phenylether	16.487	248	218936	43.308	ng	98
68) Hexachlorobenzene	16.587	284	258195	43.736	ng	97
69) Atrazine	16.769	200	216613	53.900	ng	97
70) Pentachlorophenol	16.939	266	370000	100.643	ng	98
71) Phenanthrene	17.339	178	972933	45.717	ng	98
72) Anthracene	17.428	178	1000384	47.122	ng	100
73) Carbazole	17.704	167	904283	46.888	ng	99
74) Di-n-butylphthalate	18.263	149	1102945	47.298	ng	99
75) Fluoranthene	19.304	202	1264527	48.640	ng	99
77) Benzidine	19.498	184	807206	85.847	ng	99
78) Pyrene	19.657	202	1326284	41.784	ng	100
80) Butylbenzylphthalate	20.551	149	541282	45.663	ng	97
81) Benzo(a)anthracene	21.375	228	1442975	45.578	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	522233	45.267	ng	99
83) Chrysene	21.427	228	1340730	44.605	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	783190	43.389	ng	98
85) Di-n-octyl phthalate	22.257	149	1388769	43.730	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1790433	43.917	ng	99
88) Benzo(b)fluoranthene	23.074	252	1518900	45.249	ng	99
89) Benzo(k)fluoranthene	23.122	252	1397092	43.571	ng	99
90) Benzo(a)pyrene	23.704	252	1347514	45.116	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1484180	44.263	ng	99
92) Benzo(g,h,i)perylene	27.121	276	1412994	41.538	ng	98

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

