

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134381.D
 Acq On : 20 Jul 2023 14:52
 Operator : CG\JU
 Sample : 03580-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-1MS

Quant Time: Jul 20 15:35:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	137712	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	495247	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	259252	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	523952	20.000	ng	0.00
76) Chrysene-d12	14.033	240	304335	20.000	ng	0.00
86) Perylene-d12	15.539	264	316514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	533069	64.751	ng	0.02
7) Phenol-d6	6.486	99	610722	60.322	ng	0.00
23) Nitrobenzene-d5	7.404	82	483469	52.623	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	225836	69.477	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	785828	44.069	ng	0.00
79) Terphenyl-d14	12.968	244	956223	50.568	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	59353	17.485	ng	# 78
3) Pyridine	3.528	79	127569	14.428	ng	97
4) n-Nitrosodimethylamine	3.463	42	108625	21.510	ng	99
6) Aniline	6.504	93	93583	7.596	ng	# 31
8) 2-Chlorophenol	6.628	128	202187	24.194	ng	97
9) Benzaldehyde	6.392	77	38645	4.800	ng	93
10) Phenol	6.498	94	213596	20.065	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	184955	23.600	ng	99
12) 1,3-Dichlorobenzene	6.781	146	178749	20.062	ng	97
13) 1,4-Dichlorobenzene	6.857	146	185462	20.609	ng	98
14) 1,2-Dichlorobenzene	7.004	146	205824	24.421	ng	99
15) Benzyl Alcohol	6.986	79	190491	24.406	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	281950	20.336	ng	78
17) 2-Methylphenol	7.098	107	163748	21.881	ng	95
18) Hexachloroethane	7.339	117	82559	24.742	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	155577	24.231	ng	98
20) 3+4-Methylphenols	7.251	107	212359	23.391	ng	97
22) Acetophenone	7.245	105	301981	26.811	ng	94
24) Nitrobenzene	7.422	77	227259	24.478	ng	94
25) Isophorone	7.657	82	420287	25.171	ng	99
26) 2-Nitrophenol	7.733	139	112009	25.150	ng	90
27) 2,4-Dimethylphenol	7.775	122	143730	20.388	ng	94
28) bis(2-Chloroethoxy)met...	7.869	93	193894	20.055	ng	99
29) 2,4-Dichlorophenol	7.981	162	144922	20.730	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	152738	21.174	ng	99
31) Naphthalene	8.139	128	493464	20.628	ng	99
32) Benzoic acid	7.904	122	76876	14.552	ng	93
33) 4-Chloroaniline	8.198	127	24957m	2.439	ng	
34) Hexachlorobutadiene	8.251	225	101105	22.220	ng	99
35) Caprolactam	8.569	113	41695m	18.114	ng	
36) 4-Chloro-3-methylphenol	8.680	107	165733	21.103	ng	94
37) 2-Methylnaphthalene	8.828	142	337853	19.972	ng	97
38) 1-Methylnaphthalene	8.928	142	312770	19.888	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	165493	21.546	ng	98
41) Hexachlorocyclopentadiene	8.980	237	128637	35.302	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	105042	20.090	ng	98

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44) 2,4,5-Trichlorophenol	9.163	196	111707	18.163	ng	94
46) 1,1'-Biphenyl	9.298	154	423037	20.342	ng	97
47) 2-Chloronaphthalene	9.322	162	311710	20.486	ng	97
48) 2-Nitroaniline	9.427	65	109616	19.767	ng	94
49) Acenaphthylene	9.739	152	518793	19.959	ng	99
50) Dimethylphthalate	9.598	163	399587	21.233	ng	99
51) 2,6-Dinitrotoluene	9.669	165	86709	21.392	ng	96
52) Acenaphthene	9.910	154	309187	20.500	ng	97
53) 3-Nitroaniline	9.839	138	43287	8.902	ng	96
54) 2,4-Dinitrophenol	9.957	184	60870	28.611	ng	92
55) Dibenzofuran	10.086	168	478381	20.295	ng	99
56) 4-Nitrophenol	10.016	139	102774	30.215	ng	94
57) 2,4-Dinitrotoluene	10.080	165	115649	21.605	ng	# 89
58) Fluorene	10.427	166	389349	21.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	97080	20.011	ng	99
60) Diethylphthalate	10.304	149	422825	21.565	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	191657	21.687	ng	97
62) 4-Nitroaniline	10.463	138	78826	16.085	ng	94
63) Azobenzene	10.580	77	369467	19.921	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	49692	17.396	ng	96
66) n-Nitrosodiphenylamine	10.545	169	334118	19.959	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	119835	21.518	ng	93
68) Hexachlorobenzene	10.980	284	140043	23.684	ng	92
69) Atrazine	11.074	200	112610	24.319	ng	98
70) Pentachlorophenol	11.180	266	114291	32.327	ng	98
71) Phenanthrene	11.398	178	553407	20.981	ng	99
72) Anthracene	11.451	178	546183	19.908	ng	99
73) Carbazole	11.610	167	522280	20.799	ng	99
74) Di-n-butylphthalate	11.933	149	674619	22.591	ng	99
75) Fluoranthene	12.592	202	575943	20.198	ng	98
77) Benzidine	12.716	184	86294	11.917	ng	99
78) Pyrene	12.821	202	580839	20.508	ng	100
80) Butylbenzylphthalate	13.445	149	257096	24.203	ng	94
81) Benzo(a)anthracene	14.021	228	421900	19.989	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	86446	12.928	ng	99
83) Chrysene	14.062	228	386400	18.902	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	357193	29.265	ng	99
85) Di-n-octyl phthalate	14.627	149	516746	28.813	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	477888	21.759	ng	# 95
88) Benzo(b)fluoranthene	15.092	252	393050	21.119	ng	99
89) Benzo(k)fluoranthene	15.121	252	361283	19.066	ng	98
90) Benzo(a)pyrene	15.474	252	338932	18.833	ng	# 97
91) Dibenzo(a,h)anthracene	17.103	278	401644	22.389	ng	97
92) Benzo(g,h,i)perylene	17.562	276	368397	19.914	ng	# 95

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

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